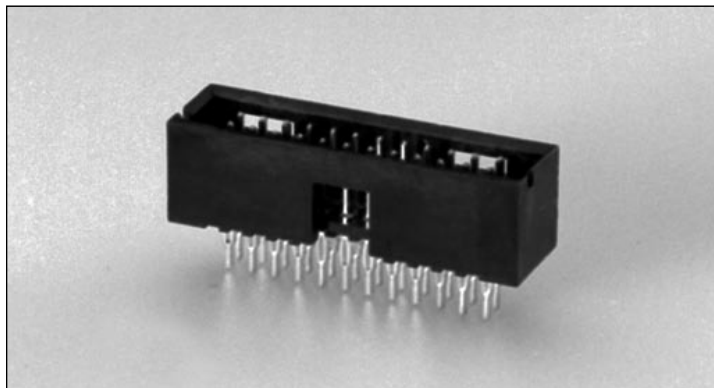


.100" (2.54mm) Dual Row, Through Hole, Vertical, Shrouded, Military Polarization Header



9100 SERIES ("POST/BOXE")

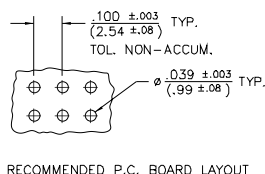
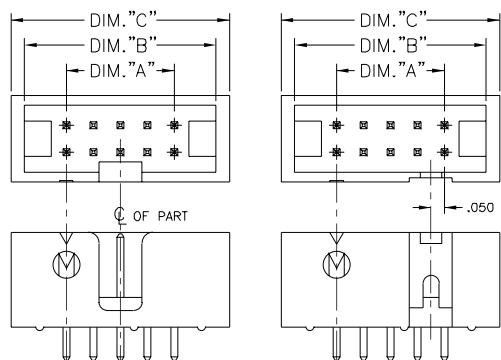
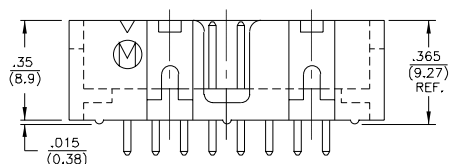
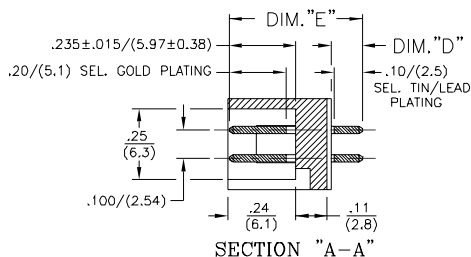
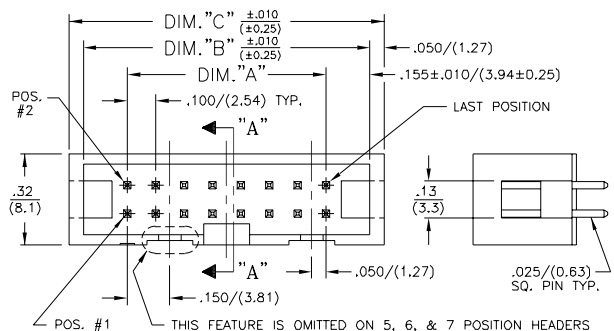
PART NUMBER LEGEND

910X-10-2XX-XX

- PIN NUMBER**
(SEE TABLE II)
- NUMBER OF POSITIONS**
(SEE TABLE I)
- PIN PLATING**
(SEE NOTE 4)
- INSULATOR MATERIAL**
(SEE NOTE 2)

NOTES:

- 1) ALL DIMENSIONS ARE SHOWN AS INCHES/(MM).
- 2) INSULATOR MATERIAL: 910X - GLASS FILLED POLYESTER, U.L. 94 V-0;
- 3) PIN MATERIAL: PHOSPHOR BRONZE.
- 4) PIN FINISH: 9100 - TIN/LEAD OVER NICKEL PLATE;
 9108 - SEL. GOLD PLATE (.000030) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE (.000050) OVERALL;
 910E - SEL. GOLD PLATE (.000015) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE (.000050) OVERALL.



PART No.	No. OF POS.	TABLE I "A"	DIM "B"	DIM "C"
910X-10-X05-XX	5	.400/(10.16)	.710/(18.03)	.810/(20.57)
X06	6	.500/(12.70)	.810/(20.57)	.910/(23.11)
207	7	.600/(15.24)	.910/(23.11)	1.010/(25.65)
208	8	.700/(17.78)	1.010/(25.65)	1.110/(28.19)
209	9	.800/(20.32)	1.110/(28.19)	1.210/(30.73)
210	10	.900/(22.86)	1.210/(30.73)	1.310/(33.27)
211	11	1.000/(25.40)	1.310/(33.27)	1.410/(35.81)
212	12	1.100/(27.94)	1.410/(35.81)	1.510/(38.35)
213	13	1.200/(30.48)	1.510/(38.35)	1.610/(40.89)
214	14	1.300/(33.02)	1.610/(40.89)	1.710/(43.43)
215	15	1.400/(35.56)	1.710/(43.43)	1.810/(45.97)
216	16	1.500/(38.10)	1.810/(45.97)	1.910/(48.51)
217	17	1.600/(40.64)	1.910/(48.51)	2.010/(51.05)
218	18	1.700/(43.18)	2.010/(51.05)	2.110/(53.59)
219	19	1.800/(45.72)	2.110/(53.59)	2.210/(56.13)
220	20	1.900/(48.26)	2.210/(56.13)	2.310/(58.67)
221	21	2.000/(50.80)	2.310/(58.67)	2.410/(61.21)
222	22	2.100/(53.34)	2.410/(61.21)	2.510/(63.75)
223	23	2.200/(55.88)	2.510/(63.75)	2.610/(66.29)
224	24	2.300/(58.42)	2.610/(66.29)	2.710/(68.83)
225	25	2.400/(60.96)	2.710/(68.83)	2.810/(71.37)
226	26	2.500/(63.50)	2.810/(71.37)	2.910/(73.91)
227	27	2.600/(66.04)	2.910/(73.91)	3.010/(76.45)
228	28	2.700/(68.58)	3.010/(76.45)	3.110/(78.99)
229	29	2.800/(71.12)	3.110/(78.99)	3.210/(81.53)
230	30	2.900/(73.66)	3.210/(81.53)	3.310/(84.07)
231	31	3.000/(76.20)	3.310/(84.07)	3.410/(86.61)
910X-10-232-XX	32	3.100/(78.74)	3.410/(86.61)	3.510/(89.15)

PART No.	DIM "D"	DIM "E"
910X-10-XXX-01	.125±.015 (3.18±0.38)	.485±.015 (12.31±0.38)
910X-10-XXX-02	.110±.015 (2.79±0.38)	.470±.015 (11.94±0.38)

P/N 910X-10-²⁰⁵/₂₀₆-XX 5 & 6 POSITION ONLY P/N 910X-10-³⁰⁵/₃₀₆-XX 5 & 6 POSITION ONLY

NOTE: ALL OTHER DIMENSIONS ARE THE SAME AS 7 THRU 32 POSITION (SHOWN ABOVE).



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Unit H, Crossagalla Business Park, Ballysimon Rd. • Limerick, Ireland

+353 (0) 61 401222 • Fax: +353 (0) 61 401942

Email: info@methode.ie • Web: ireland.methode.com/main.html

Far East:

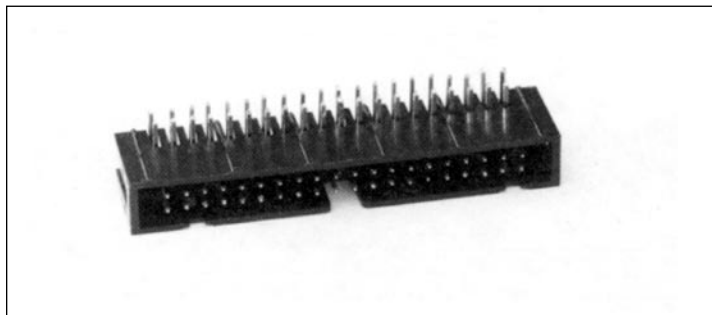
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.100" (2.54mm) Dual Row, Through Hole, Right Angle, Military Polarization Header



9100 SERIES ("POST/BOXE")

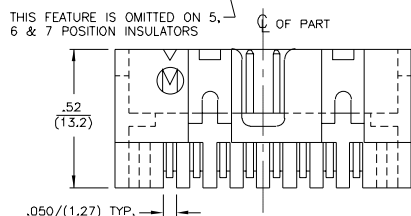
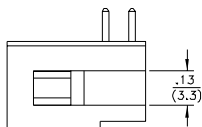
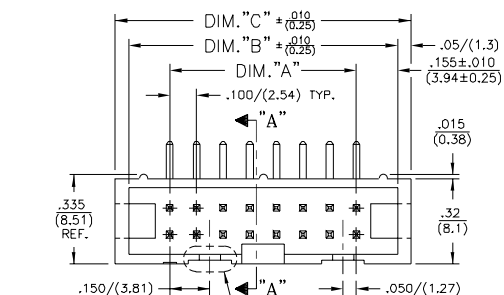
PART NUMBER LEGEND

910X-11-2XX-XX

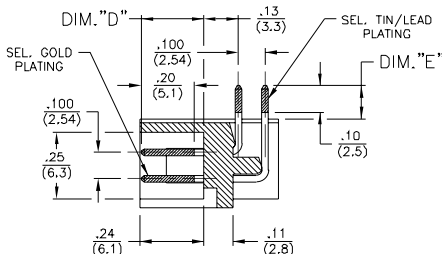
- PIN NUMBER**
(SEE TABLE II)
- NUMBER OF POSITIONS**
(SEE TABLE I)
- PIN PLATING**
(SEE NOTE 4)
- INSULATOR MATERIAL**
(SEE NOTE 2)

NOTES:

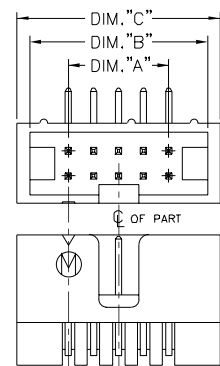
- 1) ALL DIMENSIONS ARE SHOWN AS INCHES/(MM).
- 2) INSULATOR MATERIAL:
910X - POLYESTER (PBT), 30% G/R, U.L. 94 V-O,
COLOR IS BLACK;
- 3) PIN MATERIAL: PHOSPHOR BRONZE.
- 4) PIN FINISH:
9100 - TIN/LEAD OVER NICKEL PLATE;
9108 - SEL. GOLD PLATE (.000030) AND SEL. TIN/
LEAD (.0001/.0002) WITH NICKEL UNDER-
PLATE (.000050) OVERALL;
910E - SEL. GOLD PLATE (.000015) AND SEL. TIN/
LEAD (.0001/.0002) WITH NICKEL UNDER-
PLATE (.000050) OVERALL.



7 THRU 32 POSITION PARTS

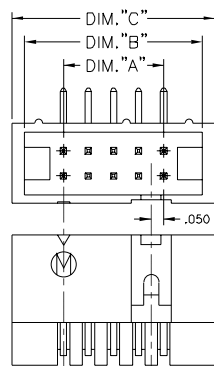


SECTION "A-A"

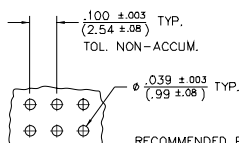


P/N 910X-11-205-XX 5 & 6 POSITION ONLY

NOTE: ALL OTHER DIMENSIONS ARE THE SAME AS 7 THRU 32 POSITION (SHOWN ABOVE).



P/N 910X-11-305-XX 5 & 6 POSITION ONLY



RECOMMENDED P.C. BOARD LAYOUT

PART No.	No. OF POS.	DIM "A"	DIM "B"	DIM "C"
910X-11-X05-XX	10	.400/(10.16)	.710/(18.03)	.810/(20.57)
X06	12	.500/(12.70)	.810/(20.57)	.910/(23.11)
207	14	.600/(15.24)	.910/(23.11)	1.010/(25.65)
208	16	.700/(17.78)	1.010/(25.65)	1.110/(28.19)
209	18	.800/(20.32)	1.110/(28.19)	1.210/(30.73)
210	20	.900/(22.86)	1.210/(30.73)	1.310/(33.27)
211	22	1.000/(25.40)	1.310/(33.27)	1.410/(35.81)
212	24	1.100/(27.94)	1.410/(35.81)	1.510/(38.35)
213	26	1.200/(30.48)	1.510/(38.35)	1.610/(40.89)
214	28	1.300/(33.02)	1.610/(40.89)	1.710/(43.43)
215	30	1.400/(35.56)	1.710/(43.43)	1.810/(45.97)
216	32	1.500/(38.10)	1.810/(45.97)	1.910/(48.51)
217	34	1.600/(40.64)	1.910/(48.51)	2.010/(51.05)
218	36	1.700/(43.18)	2.010/(51.05)	2.110/(53.59)
219	38	1.800/(45.72)	2.110/(53.59)	2.210/(56.13)
220	40	1.900/(48.26)	2.210/(56.13)	2.310/(58.67)
221	42	2.000/(50.80)	2.310/(58.67)	2.410/(61.21)
222	44	2.100/(53.34)	2.410/(61.21)	2.510/(63.75)
223	46	2.200/(55.88)	2.510/(63.75)	2.610/(66.29)
224	48	2.300/(58.42)	2.610/(66.29)	2.710/(68.83)
225	50	2.400/(60.96)	2.710/(68.83)	2.810/(71.37)
226	52	2.500/(63.50)	2.810/(71.37)	2.910/(73.91)
227	54	2.600/(66.04)	2.910/(73.91)	3.010/(76.45)
228	56	2.700/(68.58)	3.010/(76.45)	3.110/(78.99)
229	58	2.800/(71.12)	3.110/(78.99)	3.210/(81.53)
230	60	2.900/(73.66)	3.210/(81.53)	3.310/(84.07)
231	62	3.000/(76.20)	3.310/(84.07)	3.410/(86.61)
910X-11-232-XX	64	3.100/(78.74)	3.410/(86.61)	3.510/(89.15)

PART No.	DIM "D"	DIM "E"
910X-11-XXX-01	.235±.015 (5.97±0.38)	.125±.015 (3.18±0.38)
910X-11-XXX-02	.235±.015 (5.97±0.38)	.090±.015 (2.29±0.38)



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Email: info@methode.ie • Web: ireland.methode.com/main.html

Far East:

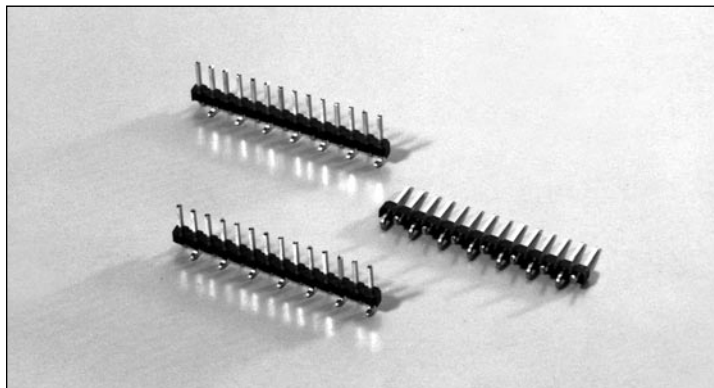
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1 Tuas Lane, Jurong Town • Singapore 638610

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.100" (2.54mm) Single Row, Surface Mount, Vertical Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

910X-21-1XX-XX

PIN NUMBER
(SEE TABLE II)

NUMBER OF POSITIONS
(SEE TABLE I)

PIN PLATING
(SEE NOTE 2)

MATING CONNECTORS: 9000 SERIES

NOTES:

- 1) MATERIALS: INSULATOR - POLYESTER(PET), 30% G.R., U.L. 94V-0, COLOR IS BLACK;
PINS - PHOSPHOR BRONZE.
- 2) PIN FINISH: 9100 - TIN/LEAD OVER NICKEL PLATE;
9102 - GOLD (.000015 THICK) OVER NICKEL PLATE (.000030 THICK).
9103 - SEL. GOLD (.000030 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050/.000150 THICK).
910F - SEL. GOLD (.000015 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050/.000150 THICK).
- 3) PIN RETENTION: 2 LB MINIMUM.

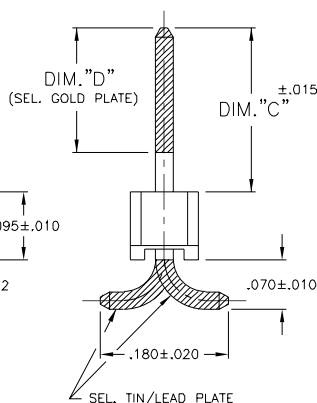
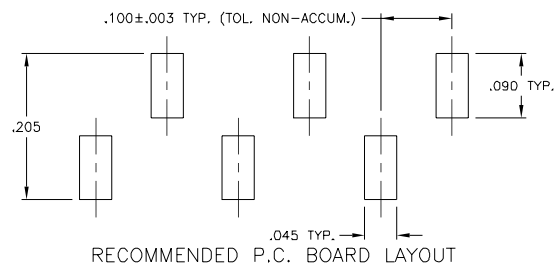
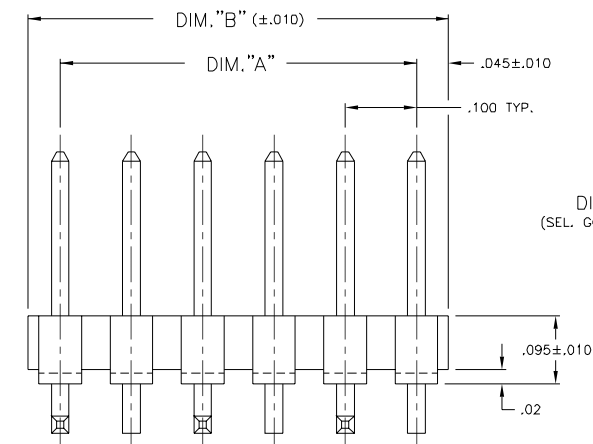
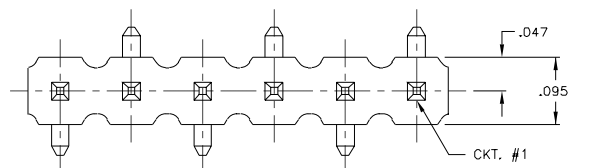


TABLE I

PART No.	No. OF POS.	DIM "A"	DIM "B"
910X-21-102-XX	2	.100	.190
↑ -103- ↓	3	.200	.290
↑ -104- ↓	4	.300	.390
↑ -105- ↓	5	.400	.490
↑ -106- ↓	6	.500	.590
↑ -107- ↓	7	.600	.690
↑ -108- ↓	8	.700	.790
↑ -109- ↓	9	.800	.890
↑ -110- ↓	10	.900	.990
↑ -111- ↓	11	1.000	1.090
↑ -112- ↓	12	1.100	1.190
↑ -113- ↓	13	1.200	1.290
↑ -114- ↓	14	1.300	1.390
↑ -115- ↓	15	1.400	1.490
↑ -116- ↓	16	1.500	1.590
↑ -117- ↓	17	1.600	1.690
↑ -118- ↓	18	1.700	1.790
↑ -119- ↓	19	1.800	1.890
↑ -120- ↓	20	1.900	1.990
↑ -121- ↓	21	2.000	2.090
↑ -122- ↓	22	2.100	2.190
↑ -123- ↓	23	2.200	2.290
↑ -124- ↓	24	2.300	2.390
↑ -125- ↓	25	2.400	2.490
↑ -126- ↓	26	2.500	2.590
↑ -127- ↓	27	2.600	2.690
↑ -128- ↓	28	2.700	2.790
↑ -129- ↓	29	2.800	2.890
↑ -130- ↓	30	2.900	2.990
↑ -131- ↓	31	3.000	3.090
↑ -132- ↓	32	3.100	3.190
↑ -133- ↓	33	3.200	3.290
↑ -134- ↓	34	3.300	3.390
↑ -135- ↓	35	3.400	3.490
↑ -136- ↓	36	3.500	3.590
↑ -137- ↓	37	3.600	3.690
↑ -138- ↓	38	3.700	3.790
↑ -139- ↓	39	3.800	3.890
↑ -140- ↓	40	3.900	3.990

TABLE II

PART No.	DIM "C"	DIM "D"
910X-21-1XX-01	.230	.160
910X-21-1XX-02	.320	.200



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Email: info@methode.ie • Web: ireland.methode.com/main.html

Far East:

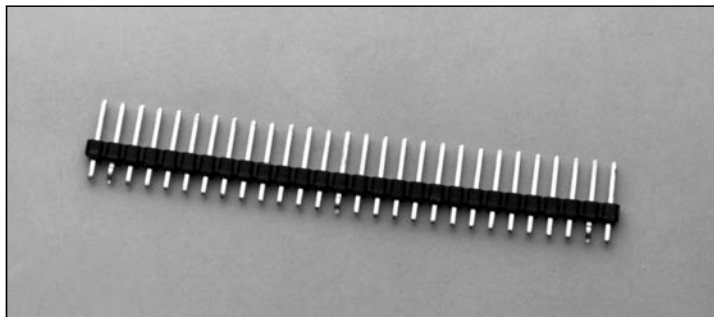
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.100" (2.54mm) Single Row, Through Hole, Vertical Header with Retention Tails



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-31-1XX-XX

PIN NUMBER
(SEE TABLE II)

NUMBER OF POSITIONS
(SEE TABLE I)

PIN PLATING
(SEE NOTE 3)

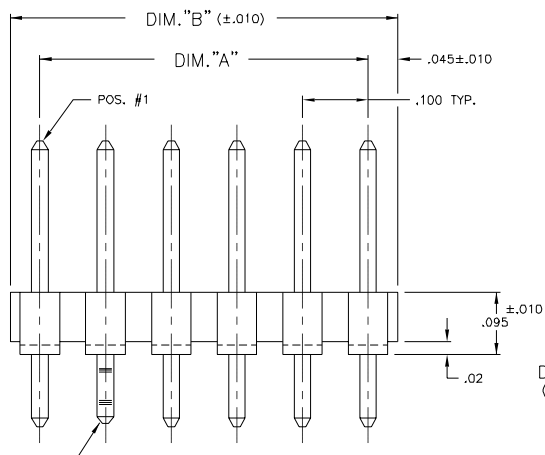
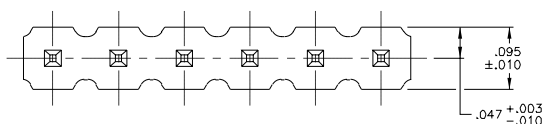
INSULATOR MATERIAL (SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

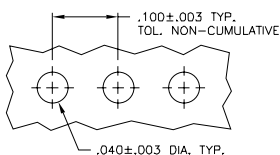
NOTES:

- 1) INSULATOR MATERIAL: 910X - GLASS FILLED POLYESTER (PET); UL 94V-0; COLOR: BLACK
911X - GLASS FILLED POLYESTER (PCT); UL 94V-0; COLOR: BLACK
- 2) PIN MATERIAL: PHOSPHOR BRONZE.
- 3) PIN FINISH: 9100 - TIN OVER NICKEL PLATE;
9102 - GOLD (.000015 THICK) OVER NICKEL PLATE (.000030 THICK);
9108 - SEL. GOLD (.000030 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK);
910E - SEL. GOLD (.000015 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK);

3) PIN RETENTION: 2 LB. MINIMUM.



1ST RETENTION TAIL TO BE FORMED AT POS. #2, TYPICAL FOR 3-THRU-40 POS. ASSEMBLIES ONLY; SEE TABLE I FOR 2ND & 3RD FORMED TAIL LOCATIONS; SEE DETAIL "A" FOR TAIL FORM CONFIGURATION FOR 2 POS. ASS'Y.



RECOMMENDED P.C. BOARD LAYOUT

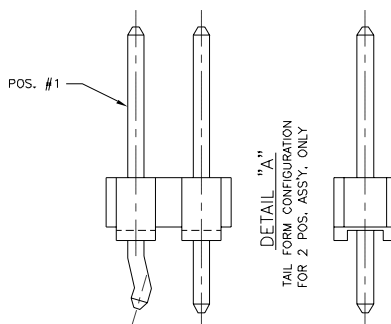
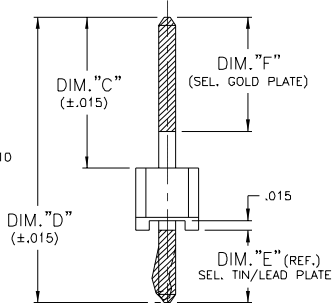


TABLE II					
PART No.	DIM "C"	DIM "D"	DIM "E"	DIM "F"	
910X-31-1XX-01	.230	.435	.110	.160	
910X-31-1XX-02	.320	.525	.110	.200	
910X-31-1XX-03	.495	.700	.110	.200	
910X-31-1XX-04	.185	.390	.110	---	

TABLE I				2ND TAIL POS.	3RD TAIL POS.
PART No.	No. OF POS.	DIM "A"	DIM "B"		
910X-31-102-XX	2	.100	.190	---	---
↑ 103-↑	3	.200	.290	---	---
↑ 104-↑	4	.300	.390	---	---
↑ 105-↑	5	.400	.490	4	---
↑ 106-↑	6	.500	.590	5	---
↑ 107-↑	7	.600	.690	6	---
↑ 108-↑	8	.700	.790	7	---
↑ 109-↑	9	.800	.890	8	---
↑ 110-↑	10	.900	.990	9	---
↑ 111-↑	11	1.000	1.090	10	---
↑ 112-↑	12	1.100	1.190	11	---
↑ 113-↑	13	1.200	1.290	12	---
↑ 114-↑	14	1.300	1.390	13	---
↑ 115-↑	15	1.400	1.490	14	---
↑ 116-↑	16	1.500	1.590	15	---
↑ 117-↑	17	1.600	1.690	16	---
↑ 118-↑	18	1.700	1.790	17	---
↑ 119-↑	19	1.800	1.890	18	---
↑ 120-↑	20	1.900	1.990	19	---
↑ 121-↑	21	2.000	2.090	20	11
↑ 122-↑	22	2.100	2.190	21	11
↑ 123-↑	23	2.200	2.290	22	12
↑ 124-↑	24	2.300	2.390	23	12
↑ 125-↑	25	2.400	2.490	24	13
↑ 126-↑	26	2.500	2.590	25	13
↑ 127-↑	27	2.600	2.690	26	14
↑ 128-↑	28	2.700	2.790	27	14
↑ 129-↑	29	2.800	2.890	28	15
↑ 130-↑	30	2.900	2.990	29	15
↑ 131-↑	31	3.000	3.090	30	16
↑ 132-↑	32	3.100	3.190	31	16
↑ 133-↑	33	3.200	3.290	32	17
↑ 134-↑	34	3.300	3.390	33	17
↑ 135-↑	35	3.400	3.490	34	18
↑ 136-↑	36	3.500	3.590	35	18
↑ 137-↑	37	3.600	3.690	36	19
↑ 138-↑	38	3.700	3.790	37	19
↑ 139-↑	39	3.800	3.890	38	20
↑ 140-↑	40	3.900	3.990	39	20



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Email: info@methode.ie • Web: ireland.methode.com/main.html

Far East:

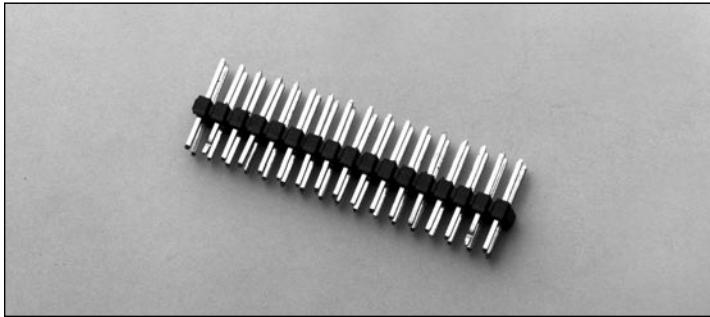
Methode Electronics Far East, Pte. Ltd.

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65-68615444 • Fax: 65-68614777

Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html

.100" (2.54mm) Dual Row, Through Hole, Vertical Header with Retention Tails



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-31-2XX-XX

PIN NUMBER
(SEE TABLE II)

NUMBER OF POSITIONS PER ROW
(SEE TABLE I)

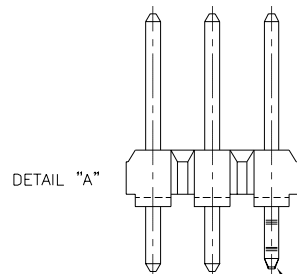
PIN PLATING
(SEE NOTE 3)

INSULATOR MATERIAL (SEE NOTE 1)

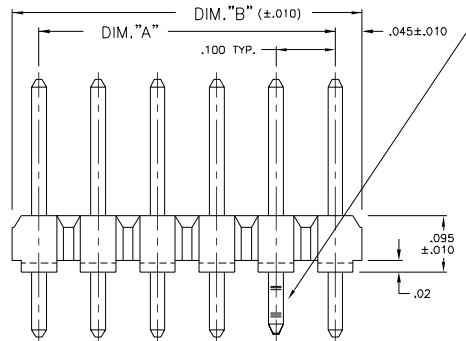
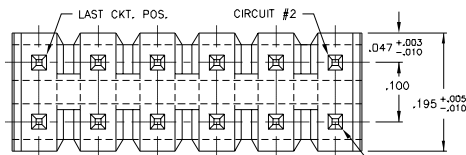
MATING CONNECTORS: 9000 SERIES

NOTES:

- 1) INSULATOR MATERIAL: 910X - GLASS FILLED POLYESTER (PET); UL 94V-0; COLOR: BLACK
911X - GLASS FILLED POLYESTER (PCT); UL 94V-0; COLOR: BLACK
- 2) PIN MATERIAL: PHOSPHOR BRONZE.
- 3) PIN FINISH: 9100 - TIN/LEAD OVER NICKEL PLATE;
9102 - GOLD (.000015 THICK) OVER NICKEL PLATE (.000030 THICK);
910B - SEL. GOLD (.000030 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK);
910F - SEL. GOLD (.000015 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK).



RETENTION TAIL TO BE FORMED AT POS. #1, TYPICAL FOR 2 & 4 POS. ASSEMBLIES; SEE TABLE I FOR 2ND FORMED TAIL LOCATION



1ST RETENTION TAIL TO BE FORMED AT POS. #3, TYPICAL FOR 5-THRU-80 POS. ASS'Y.; SEE TABLE I FOR 2ND & 3RD FORMED TAIL LOCATIONS; SEE DETAIL "A" FOR TAIL FORM CONFIGURATION FOR 2, 3 AND 4 POS. ASS'Y.

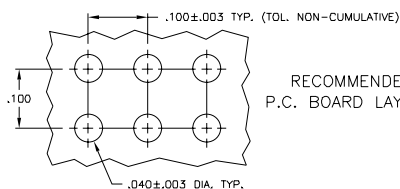
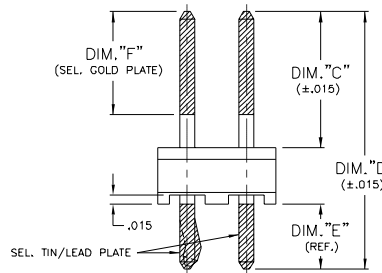
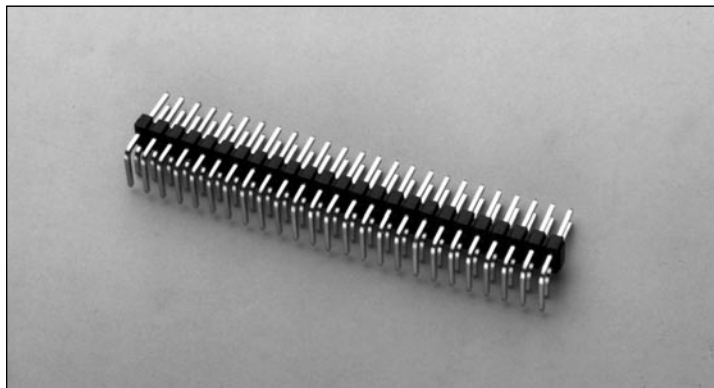


TABLE II				
PART No.	DIM "C"	DIM "D"	DIM "E"	DIM "F"
910X-31-2XX-01	.230	.435	.110	.160
910X-31-2XX-02	.320	.525	.110	.200
910X-31-2XX-03	.820	1.030	.115	.200
910X-31-2XX-04	.585	.785	.105	.200

TABLE I					2ND TAIL POS.	3RD TAIL POS.
PART No.	No. OF POS.	DIM "A"	DIM "B"			
910X-31-201-XX	2	---	.090	---	---	---
202	4	.100	.190	3	---	---
203	6	.200	.290	5	---	---
204	8	.300	.390	7	---	---
205	10	.400	.490	7	---	---
206	12	.500	.590	9	---	---
207	14	.600	.690	11	---	---
208	16	.700	.790	13	---	---
209	18	.800	.890	15	---	---
210	20	.900	.990	17	---	---
211	22	1.000	1.090	19	---	---
212	24	1.100	1.190	21	---	---
213	26	1.200	1.290	23	---	---
214	28	1.300	1.390	25	---	---
215	30	1.400	1.490	27	---	---
216	32	1.500	1.590	29	---	---
217	34	1.600	1.690	31	---	---
218	36	1.700	1.790	33	---	---
219	38	1.800	1.890	35	---	---
220	40	1.900	1.990	37	---	---
221	42	2.000	2.090	39	21	---
222	44	2.100	2.190	41	21	---
223	46	2.200	2.290	43	23	---
224	48	2.300	2.390	45	23	---
225	50	2.400	2.490	47	25	---
226	52	2.500	2.590	49	25	---
227	54	2.600	2.690	51	27	---
228	56	2.700	2.790	53	27	---
229	58	2.800	2.890	55	29	---
230	60	2.900	2.990	57	29	---
231	62	3.000	3.090	59	31	---
232	64	3.100	3.190	61	31	---
233	66	3.200	3.290	63	33	---
234	68	3.300	3.390	65	33	---
235	70	3.400	3.490	67	35	---
236	72	3.500	3.590	69	35	---
237	74	3.600	3.690	71	37	---
238	76	3.700	3.790	73	37	---
239	78	3.800	3.890	75	39	---
910X-31-240-XX	80	3.900	3.990	77	39	---

.100" (2.54mm) Dual Row, Through Hole, Right Angle, Low Profile Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-4-2XX-XX

PIN NUMBER
(SEE TABLE II)

NUMBER OF POSITIONS PER ROW
(SEE TABLE I)

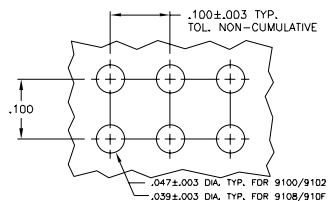
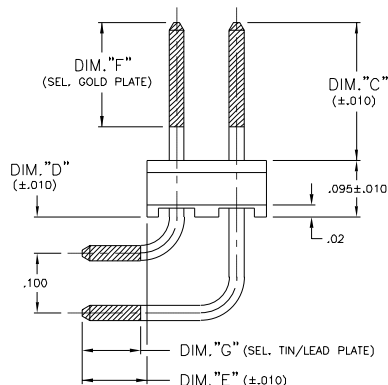
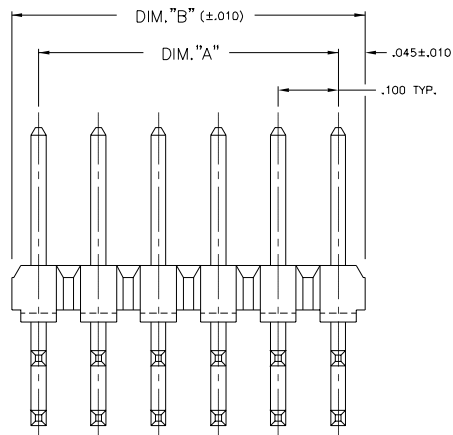
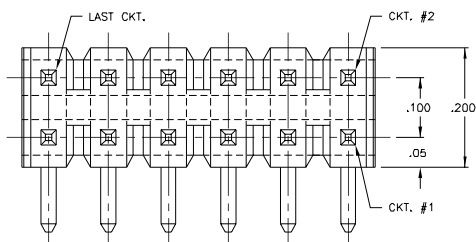
PIN PLATING
(SEE NOTE 2)

INSULATOR MATERIAL
(SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

NOTES:

- 1) MATERIALS: INSULATOR - 910X - GLASS FILLED POLYESTER (PET); UL 94V-0; COLOR: BLACK
911X - GLASS FILLED POLYESTER (PCT); UL 94V-0; COLOR: BLACK
PINS - PHOSPHOR BRONZE.
- 2) PIN FINISH: 9100 - TIN/LEAD OVER NICKEL PLATE;
9102 - GOLD (.000015 THICK) OVER NICKEL PLATE (.000030 THICK);
9108 - SEL. GOLD (.000030 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK);
910F - SEL. GOLD (.000015 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK);
- 3) PIN RETENTION: 2 LB. MINIMUM.



RECOMMENDED P.C. BOARD LAYOUT

PART No.	DIM "C"	DIM "D"	DIM "E"	DIM "F"	DIM "G"
910X-4-2XX-01	.420	.090	.110	.200	.120
910X-4-2XX-02	.240	.065	.092	.200	.120
910X-4-2XX-03	.320	.097	.110	.200	.120
910X-4-2XX-04	.230	.060	.083	.200	.120
910X-4-2XX-05	.230	.060	.095	.165	.120

PART No.	No. OF POS.	DIM "A"	DIM "B"
910X-4-202-XX	4	.100	.190
↑ -203- ↓	6	.200	.290
↑ -204- ↓	8	.300	.390
↑ -205- ↓	10	.400	.490
↑ -206- ↓	12	.500	.590
↑ -207- ↓	14	.600	.690
↑ -208- ↓	16	.700	.790
↑ -209- ↓	18	.800	.890
↑ -210- ↓	20	.900	.990
↑ -211- ↓	22	1.000	1.090
↑ -212- ↓	24	1.100	1.190
↑ -213- ↓	26	1.200	1.290
↑ -214- ↓	28	1.300	1.390
↑ -215- ↓	30	1.400	1.490
↑ -216- ↓	32	1.500	1.590
↑ -217- ↓	34	1.600	1.690
↑ -218- ↓	36	1.700	1.790
↑ -219- ↓	38	1.800	1.890
↑ -220- ↓	40	1.900	1.990
↑ -221- ↓	42	2.000	2.090
↑ -222- ↓	44	2.100	2.190
↑ -223- ↓	46	2.200	2.290
↑ -224- ↓	48	2.300	2.390
↑ -225- ↓	50	2.400	2.490
↑ -226- ↓	52	2.500	2.590
↑ -227- ↓	54	2.600	2.690
↑ -228- ↓	56	2.700	2.790
↑ -229- ↓	58	2.800	2.890
↑ -230- ↓	60	2.900	2.990
↑ -231- ↓	62	3.000	3.090
↑ -232- ↓	64	3.100	3.190
↑ -233- ↓	66	3.200	3.290
↑ -234- ↓	68	3.300	3.390
↑ -235- ↓	70	3.400	3.490
↑ -236- ↓	72	3.500	3.590
↑ -237- ↓	74	3.600	3.690
↑ -238- ↓	76	3.700	3.790
↑ -239- ↓	78	3.800	3.890
910X-4-240-XX	80	3.900	3.990



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Email: info@methode.ie • Web: ireland.methode.com/main.html

Far East:

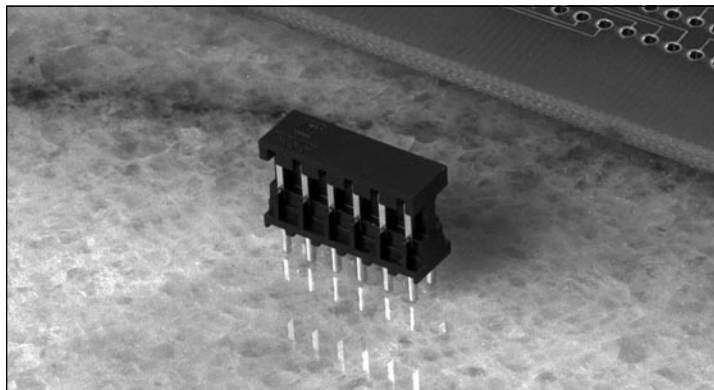
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.100" (2.54mm) Dual Row, Through Hole, Vertical Zero Height Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

910X-61-2XX-XX

PIN NUMBER
(SEE TABLE 2)

NUMBER OF POSITIONS PER ROW
(SEE TABLE I)

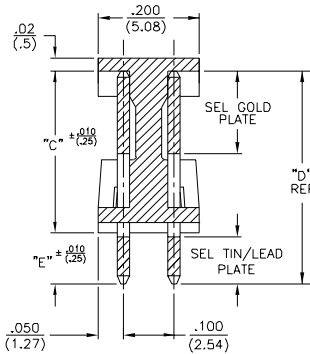
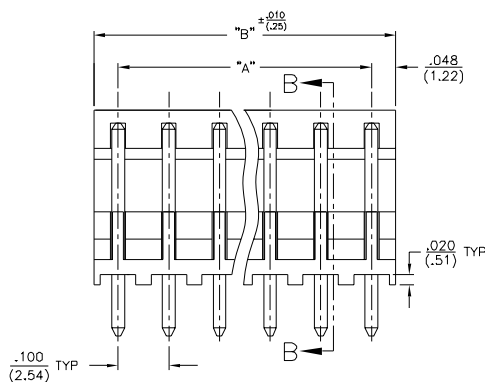
PIN PLATING
(SEE NOTE 3)

INSULATOR MATERIAL
(SEE NOTE 1)

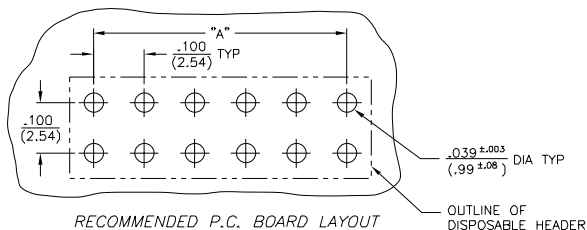
MATING CONNECTORS: 9000 SERIES

NOTES:

- INSULATOR MAT'L: GLASS REINFORCED POLYESTER (PCT), UL 94V-0; COLOR: BLACK
- PIN MAT'L: PHOSPHOR BRONZE
- PIN FINISH:
 - 9100 - TIN/LEAD OVER NICKEL PLATE.
 - 9102 - $\frac{.00015}{(.00038)}$ GOLD OVER $\frac{.00050}{(.00127)}$ NICKEL PLATE.
 - 9108 - $\frac{.00030}{(.00076)}$ SEL GOLD PLATING AS INDICATED OVER $\frac{.00050}{(.00127)}$ NICKEL PLATE ALL OVER; MIN TIN/LEAD PLATING ON SOLDER TAIL.
 - 910F - $\frac{.00015}{(.00038)}$ SEL GOLD PLATING AS INDICATED OVER $\frac{.00050}{(.00127)}$ NICKEL PLATE ALL OVER; MIN TIN/LEAD PLATING ON SOLDER TAIL.
- ALL DIMENSIONS ARE IN IN/(MM).



SECTION B-B



RECOMMENDED P.C. BOARD LAYOUT

OUTLINE OF DISPOSABLE HEADER

TABLE 2

PART NUMBER	DIM "C"	DIM "D"	DIM "E"
910X-61-2XX-01	$\frac{.320}{(.813)}$	$\frac{.440}{(11.18)}$	$\frac{.120}{(3.05)}$
910X-61-2XX-02	$\frac{.230}{(.584)}$	$\frac{.340}{(8.64)}$	$\frac{.110}{(2.79)}$
910X-61-2XX-03	$\frac{.285}{(.724)}$	$\frac{.390}{(9.91)}$	$\frac{.105}{(2.67)}$

TABLE 1

PART NUMBER	NO. OF PINS	DIM "A"	DIM "B"
910X-61-202-XX	4	$\frac{.100}{(2.54)}$	$\frac{.195}{(4.95)}$
-203-	6	$\frac{.200}{(5.08)}$	$\frac{.295}{(7.49)}$
-204-	8	$\frac{.300}{(7.62)}$	$\frac{.395}{(10.03)}$
-205-	10	$\frac{.400}{(10.16)}$	$\frac{.495}{(12.57)}$
-206-	12	$\frac{.500}{(12.70)}$	$\frac{.595}{(15.11)}$
-207-	14	$\frac{.600}{(15.24)}$	$\frac{.695}{(17.65)}$
-208-	16	$\frac{.700}{(17.78)}$	$\frac{.795}{(20.19)}$
-209-	18	$\frac{.800}{(20.32)}$	$\frac{.895}{(22.73)}$
-210-	20	$\frac{.900}{(22.86)}$	$\frac{.995}{(25.27)}$
-211-	22	$\frac{1.000}{(25.40)}$	$\frac{1.095}{(27.81)}$
-212-	24	$\frac{1.100}{(27.94)}$	$\frac{1.195}{(30.35)}$
-213-	26	$\frac{1.200}{(30.48)}$	$\frac{1.295}{(32.89)}$
-214-	28	$\frac{1.300}{(33.02)}$	$\frac{1.395}{(35.43)}$
-215-	30	$\frac{1.400}{(35.56)}$	$\frac{1.495}{(37.97)}$
-216-	32	$\frac{1.500}{(38.10)}$	$\frac{1.595}{(40.51)}$
-217-	34	$\frac{1.600}{(40.64)}$	$\frac{1.695}{(43.05)}$
-218-	36	$\frac{1.700}{(43.18)}$	$\frac{1.795}{(45.59)}$
-219-	38	$\frac{1.800}{(45.72)}$	$\frac{1.895}{(48.13)}$
-220-	40	$\frac{1.900}{(48.26)}$	$\frac{1.995}{(50.67)}$
-221-	42	$\frac{2.000}{(50.80)}$	$\frac{2.095}{(53.21)}$
-222-	44	$\frac{2.100}{(53.34)}$	$\frac{2.195}{(55.75)}$
-223-	46	$\frac{2.200}{(55.88)}$	$\frac{2.295}{(58.29)}$
-224-	48	$\frac{2.300}{(58.42)}$	$\frac{2.395}{(60.83)}$
910X-61-225-XX	50	$\frac{2.400}{(60.96)}$	$\frac{2.495}{(63.37)}$



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Far East:

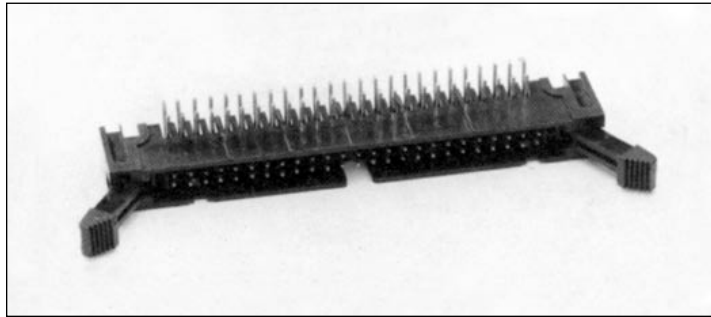
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.100" (2.54mm) Dual Row, Through Hole, Right Angle Shrouded Header with Ejector Lever



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-X5-2XX-01

NUMBER OF POSITIONS
(SEE TABLE II)

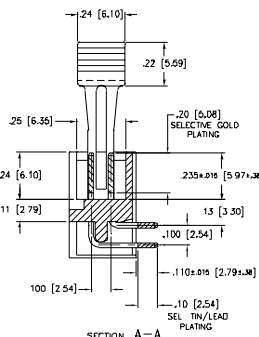
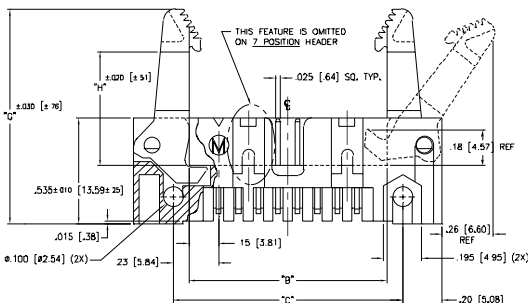
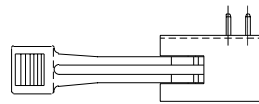
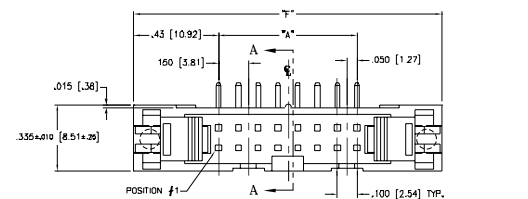
EJECTOR TYPE
(SEE TABLE I)

PIN PLATING
(SEE NOTE 4)

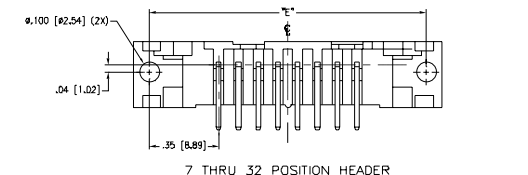
INSULATOR MATERIAL
(SEE NOTE 2)

NOTES:

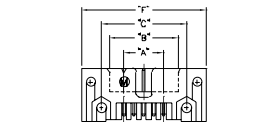
1. ALL DIMENSIONS ARE IN IN./MM.
2. INSULATOR MATERIAL: GLASS-FILLED POLYESTER
3. PIN MATERIAL: PHOSPHOR BRONZE
4. PIN FINISH:
 - 9100 - TIN/LEAD OVER NICKEL PLATE
 - 9105 - 000050 NICKEL PLATE ALL OVER
 - 9106 - 000030 SELECTIVE GOLD IN MATING AREA, 0001-0002 SEL. TIN/LEAD ON SOLDER TAIL
 - 910E - 000050 NICKEL PLATE ALL OVER; 000015 SELECTIVE GOLD IN MATING AREA, 0001-0002 SEL. TIN/LEAD ON SOLDER TAIL
5. MAXIMUM DISTANCE FROM EDGE OF P.C. BOARD FOR DASH-CHAIN APPLICATION.



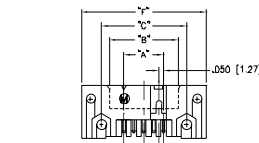
PART NO.	DIM. "G"	DIM. "H"
910X-15-XXX-01	1.090 [27.69]	.576 [14.63]
910X-45-XXX-01	.940 [23.88]	.426 [10.82]



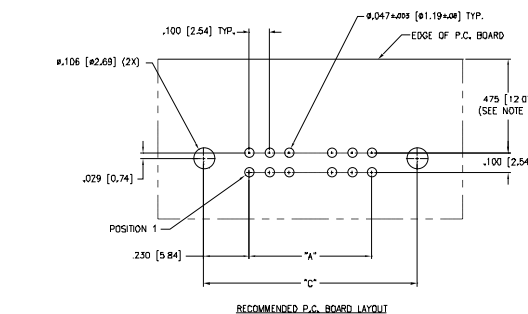
SECTION A-A
(ROTATED 90° C.W.)



P/N 910X-X5-208-01
5 & 6 POSITION HEADER
(SCALE: 2X)



P/N 910X-X5-208-01
5 & 6 POSITION HEADER
(SCALE: 2X)



PART NO.	NO. OF CIRCITS	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "E"	DIM. "F"
910X-X5-X05-01	10	.400 [10.16]	.800 [20.32]	.960 [24.38]	1.100 [27.94]	1.260 [32.00]
-X08-	12	.500 [12.70]	.800 [20.32]	.960 [24.38]	1.200 [30.48]	1.360 [34.54]
-207-	14	.600 [15.24]	.900 [22.86]	1.060 [26.92]	1.300 [33.02]	1.460 [37.08]
-208-	16	.700 [17.78]	1.000 [25.40]	1.160 [29.46]	1.400 [35.56]	1.560 [39.62]
-209-	18	.800 [20.32]	1.100 [27.94]	1.260 [32.00]	1.500 [38.10]	1.660 [42.16]
-210-	20	.900 [22.86]	1.200 [30.48]	1.360 [34.54]	1.600 [40.64]	1.760 [44.70]
-211-	22	1.000 [25.40]	1.300 [33.02]	1.460 [37.08]	1.700 [43.18]	1.860 [47.24]
-212-	24	1.100 [27.94]	1.400 [35.56]	1.560 [39.62]	1.800 [45.72]	1.960 [49.78]
-213-	26	1.200 [30.48]	1.500 [38.10]	1.660 [42.16]	1.900 [48.26]	2.060 [52.32]
-214-	28	1.300 [33.02]	1.600 [40.64]	1.760 [44.70]	2.000 [50.80]	2.160 [54.86]
-215-	30	1.400 [35.56]	1.700 [43.18]	1.860 [47.24]	2.100 [53.34]	2.260 [57.40]
-216-	32	1.500 [38.10]	1.800 [45.72]	1.960 [49.78]	2.200 [55.88]	2.360 [59.94]
-217-	34	1.600 [40.64]	1.900 [48.26]	2.060 [52.32]	2.300 [58.42]	2.460 [62.48]
-218-	36	1.700 [43.18]	2.000 [50.80]	2.160 [54.86]	2.400 [60.96]	2.560 [65.02]
-219-	38	1.800 [45.72]	2.100 [53.34]	2.260 [57.40]	2.500 [63.50]	2.660 [67.56]
-220-	40	1.900 [48.26]	2.200 [55.88]	2.360 [59.94]	2.600 [66.04]	2.760 [70.10]
-221-	42	2.000 [50.80]	2.300 [58.42]	2.460 [62.48]	2.700 [68.58]	2.860 [72.64]
-222-	44	2.100 [53.34]	2.400 [60.96]	2.560 [65.02]	2.800 [71.12]	2.960 [75.18]
-223-	46	2.200 [55.88]	2.500 [63.50]	2.660 [67.56]	2.900 [73.66]	3.060 [77.72]
-224-	48	2.300 [58.42]	2.600 [66.04]	2.760 [70.10]	3.000 [76.20]	3.160 [80.26]
-225-	50	2.400 [60.96]	2.700 [68.58]	2.860 [72.64]	3.100 [78.74]	3.260 [82.80]
-226-	52	2.500 [63.50]	2.800 [71.12]	2.960 [75.18]	3.200 [81.28]	3.360 [85.34]
-227-	54	2.600 [66.04]	2.900 [73.66]	3.060 [77.72]	3.300 [83.82]	3.460 [87.88]
-228-	56	2.700 [68.58]	3.000 [76.20]	3.160 [80.26]	3.400 [86.36]	3.560 [90.42]
-229-	58	2.800 [71.12]	3.100 [78.74]	3.260 [82.80]	3.500 [88.90]	3.660 [92.96]
-230-	60	2.900 [73.66]	3.200 [81.28]	3.360 [85.34]	3.600 [91.44]	3.760 [95.50]
-231-	62	3.000 [76.20]	3.300 [83.82]	3.460 [87.88]	3.700 [93.98]	3.860 [98.04]
910X-X5-232-01	64	3.100 [78.74]	3.400 [86.36]	3.560 [90.42]	3.800 [96.52]	3.960 [100.58]



North and South America:

Methode Electronics, Inc. Connector Products

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847-392-3500 • Toll Free: 800-323-6864 • Fax: 847-392-9404

Email: info@methode.com • Web: www.methode.com/connector/index.html

Europe:

Methode Electronics Ireland, Ltd.

Unit H, Crossagalla Business Park, Ballysimon Rd. • Limerick, Ireland

+353 (0) 61 401222 • Fax: +353 (0) 61 401942

Email: info@methode.ie • Web: ireland.methode.com/main.html

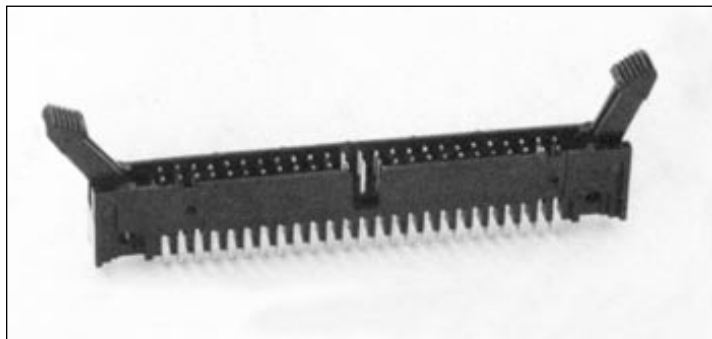
Far East:

Methode Electronics Far East, Pte. Ltd.

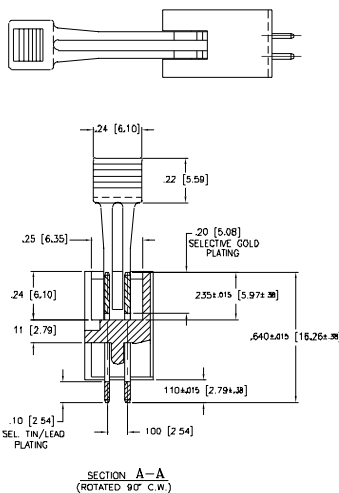
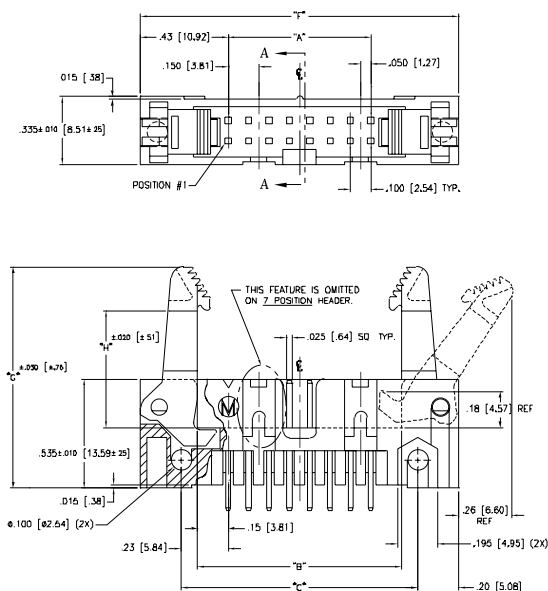
1 Tuas Lane, Jurong Town • Singapore 638610

65-68615444 • Fax: 65-68614777

Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html



910X-X6-2XX-01

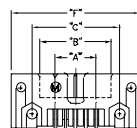
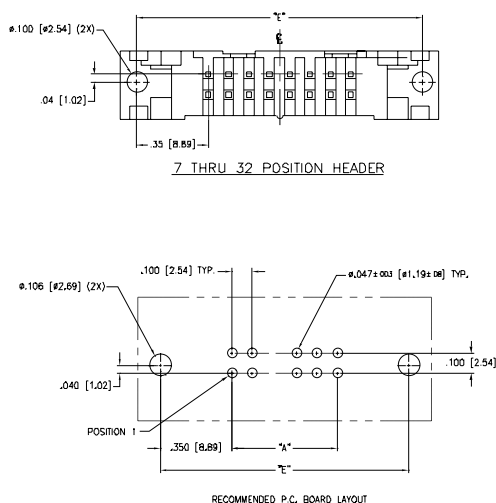
- INSULATOR MATERIAL
(SEE NOTE 2)

SECTION A-A
(ROTATED 90° C.W.)

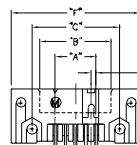
FINISH -
91DQ - TIN/LEAD OVER NICKEL PLATE
91DQ - .000050 NICKEL PLATE ALL OVER;
.000030 SELECTIVE GOLD IN MATING
AREA .0001-.0002 SEL. TIN/LEAD ON
SOLDER TAIL.
91DF - .000050 NICKEL PLATE ALL OVER;
.000015 SELECTIVE GOLD IN MATING
AREA .0001-.0002 SEL. TIN/LEAD ON
SOLDER TAIL.

PART NO.	DIM. °C°	DIM. °H°
91DX-16-XXX-01	1.090 [27.69]	.576 [14.63]
91DX-46-XXX-01	.940 [23.88]	.426 [10.82]

TABLE II



-205
P/N 910X-X6-206-01
5 & 6 POSITION HEADER
(SCALE: 2X)



-305
P/N 910X-X6-305-01
5 & 6 POSITION HEADER
(SCALE: 2X)

PART NO.	No. CIRCUITS	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "L"	DIM. "F"
910X-X6-X05-01	10	.400 [10.16]	.700 [17.78]	.860 [21.84]	1.100 [27.94]	1.260 [32.00]
↑ -X06-	12	.500 [12.70]	.800 [20.32]	.960 [24.38]	1.200 [30.48]	1.360 [34.54]
↑ -X07-	14	.600 [15.24]	.900 [22.86]	1.060 [26.92]	1.300 [33.02]	1.460 [37.09]
-X08-	16	.700 [17.78]	1.000 [25.40]	1.160 [29.46]	1.400 [35.56]	1.560 [39.62]
-X09-	18	.800 [20.32]	1.100 [27.94]	1.260 [32.00]	1.500 [38.10]	1.660 [42.16]
-X10-	20	.900 [22.86]	1.200 [30.48]	1.360 [34.54]	1.600 [40.64]	1.760 [44.70]
-X11-	22	1.000 [25.40]	1.300 [33.02]	1.460 [37.08]	1.700 [43.18]	1.860 [47.24]
-X12-	24	1.100 [27.94]	1.400 [35.56]	1.560 [39.62]	1.800 [45.72]	1.960 [49.78]
-X13-	26	1.200 [30.48]	1.500 [38.10]	1.660 [42.16]	1.900 [48.26]	2.060 [52.32]
-X14-	28	1.300 [33.02]	1.600 [40.64]	1.760 [44.70]	2.000 [50.80]	2.160 [54.86]
-X15-	30	1.400 [35.56]	1.700 [43.18]	1.860 [47.24]	2.100 [53.34]	2.260 [57.40]
-X16-	32	1.500 [38.10]	1.800 [45.72]	1.960 [49.78]	2.200 [55.88]	2.360 [59.94]
-X17-	34	1.600 [40.64]	1.900 [48.26]	2.060 [52.32]	2.300 [58.42]	2.460 [62.48]
-X18-	36	1.700 [43.18]	2.000 [50.80]	2.160 [54.86]	2.400 [60.96]	2.560 [65.02]
-X19-	38	1.800 [45.72]	2.100 [53.34]	2.260 [57.40]	2.500 [63.50]	2.660 [67.56]
-X20-	40	1.900 [48.26]	2.200 [55.88]	2.360 [59.94]	2.600 [66.04]	2.760 [70.10]
-X21-	42	2.000 [50.80]	2.300 [58.42]	2.460 [62.48]	2.700 [68.58]	2.860 [72.64]
-X22-	44	2.100 [53.34]	2.400 [60.96]	2.560 [65.02]	2.800 [71.12]	2.960 [75.18]
-X23-	46	2.200 [55.88]	2.500 [63.50]	2.660 [67.56]	2.900 [73.66]	3.060 [77.72]
-X24-	48	2.300 [58.42]	2.600 [66.04]	2.760 [70.10]	3.000 [76.20]	3.160 [80.26]
-X25-	50	2.400 [60.96]	2.700 [68.58]	2.860 [72.64]	3.100 [78.74]	3.260 [82.80]
-X26-	52	2.500 [63.50]	2.800 [71.12]	2.960 [75.18]	3.200 [81.28]	3.360 [85.34]
-X27-	54	2.600 [66.04]	2.900 [73.66]	3.060 [77.72]	3.300 [83.82]	3.460 [87.88]
-X28-	56	2.700 [68.58]	3.000 [76.20]	3.160 [80.26]	3.400 [86.36]	3.560 [90.42]
-X29-	58	2.800 [71.12]	3.100 [78.74]	3.260 [82.80]	3.500 [88.90]	3.660 [92.96]
-X30-	60	2.900 [73.66]	3.200 [81.28]	3.360 [85.34]	3.600 [91.44]	3.760 [95.50]
↑ -X31-	62	3.000 [76.20]	3.300 [83.82]	3.460 [87.88]	3.700 [93.98]	3.860 [98.04]
↑ -X32-	64	3.100 [78.74]	3.400 [86.36]	3.560 [90.42]	3.800 [96.52]	3.960 [100.58]
910X-X6-X05-01	64	3.100 [78.74]	3.400 [86.36]	3.560 [90.42]	3.800 [96.52]	3.960 [100.58]

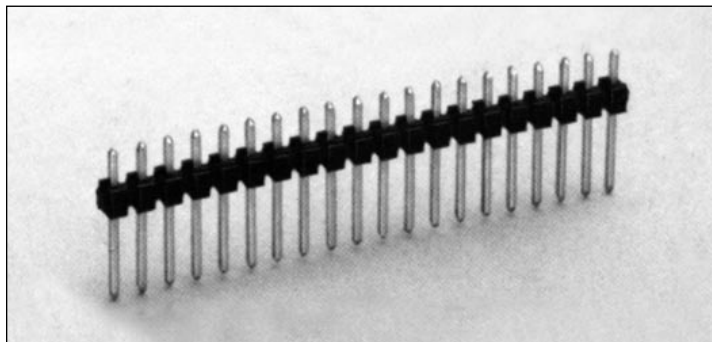


Email: info@methode.com • Web: www.methode.com/connector/index.html

Email: info@methode.ie • Web: ireland.methode.com/main.html

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.100" (2.54mm) Single Row, Through Hole, Vertical Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-1-1XX-XX

PIN NUMBER
(SEE TABLE II)

NUMBER OF POSITIONS
(SEE TABLE I)

PIN PLATING
(SEE NOTE 3)

INSULATOR MATERIAL
(SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

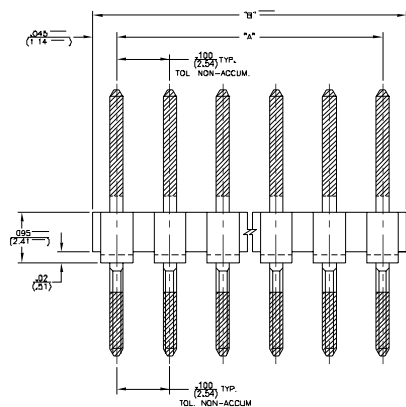
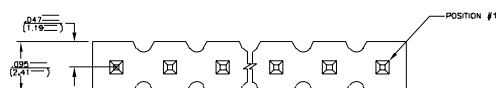


FIGURE I
(FOR SEL. PLATED PINS ONLY)
P/N'S: 91X2, 91X2-1-1XX-XX

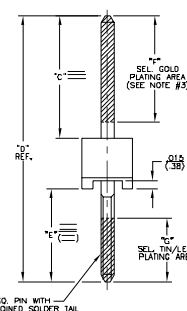
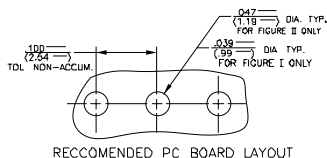
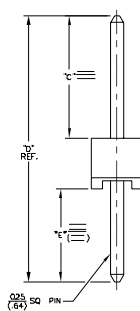


FIGURE II
(FOR OVERALL PLATED PINS ONLY)
P/N'S: 91X2 & 91X2-1-1XX-XX

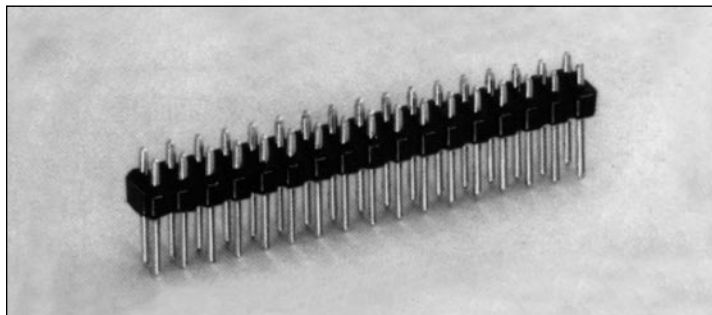


NOTES:

- INSULATOR MATERIAL:
910X-1-1XX-XX - POLYESTER (PET), 30% GLASS REINFORCED, UL 94V-0, COLOR: BLACK
911X-1-1XX-XX - POLYESTER (PCT), 30% GLASS REINFORCED, UL 94V-0, COLOR: BLACK
- PIN MATERIAL: PHOSPHOR BRONZE
- PIN FINISH: 91X2-1-1XX-XX - .000150/.0003 BRITTE TIN OVER .000050/.000100 NICKEL PLATE
91X2-1-1XX-XX - .000030 MIN. GOLD OVER .000050/.000100 NICKEL PLATE
91X2-1-1XX-XX - .000030 SELECTIVE GOLD PLATE IN CONTACT AREA OVER .000050/.000100 NICKEL PLATE ALL OVER: .0001/.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS PER DRWG.
91XE-1-1XX-XX - .000015 SELECTIVE GOLD PLATE IN CONTACT AREA OVER .000050/.000100 NICKEL PLATE ALL OVER: .0001/.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS PER DRWG.
- ALL DIMS ARE IN IN./MM.
- PIN RETENTION: 2 LB. MINIMUM

PART NUMBER	NO. OF POSITIONS	DIM. "A"	DIM. "B"
91XX-1-102-XX	2	.100/(2.54)	.190/(4.83)
-103-XX	3	.200/(5.08)	.280/(7.13)
-104-XX	4	.300/(7.62)	.380/(9.65)
-105-XX	5	.400/(10.16)	.490/(12.45)
-106-XX	6	.500/(12.70)	.590/(14.98)
-107-XX	7	.600/(15.24)	.690/(17.53)
-108-XX	8	.700/(17.78)	.790/(20.07)
-109-XX	9	.800/(20.32)	.890/(22.61)
-110-XX	10	.900/(22.86)	.990/(25.15)
-111-XX	11	1.000/(25.40)	1.090/(27.69)
-112-XX	12	1.100/(27.94)	1.190/(30.23)
-113-XX	13	1.200/(30.48)	1.290/(32.77)
-114-XX	14	1.300/(33.02)	1.390/(35.31)
-115-XX	15	1.400/(35.56)	1.490/(37.85)
-116-XX	16	1.500/(38.10)	1.590/(40.39)
-117-XX	17	1.600/(40.64)	1.690/(42.93)
-118-XX	18	1.700/(43.18)	1.790/(45.47)
-119-XX	19	1.800/(45.72)	1.890/(48.01)
-120-XX	20	1.900/(48.26)	1.990/(50.55)
-121-XX	21	2.000/(50.80)	2.090/(53.09)
-122-XX	22	2.100/(53.34)	2.190/(55.63)
-123-XX	23	2.200/(55.88)	2.290/(58.17)
-124-XX	24	2.300/(58.42)	2.390/(60.71)
-125-XX	25	2.400/(60.96)	2.490/(63.25)
-126-XX	26	2.500/(63.50)	2.590/(65.79)
-127-XX	27	2.600/(66.04)	2.690/(68.33)
-128-XX	28	2.700/(68.58)	2.790/(70.87)
-129-XX	29	2.800/(71.12)	2.890/(73.41)
-130-XX	30	2.900/(73.66)	2.990/(75.95)
-131-XX	31	3.000/(76.20)	3.090/(78.49)
-132-XX	32	3.100/(78.74)	3.190/(81.03)
-133-XX	33	3.200/(81.28)	3.290/(83.57)
-134-XX	34	3.300/(83.82)	3.390/(86.11)
-135-XX	35	3.400/(86.36)	3.490/(88.65)
-136-XX	36	3.500/(88.90)	3.590/(91.19)
-137-XX	37	3.600/(91.44)	3.690/(93.73)
-138-XX	38	3.700/(93.98)	3.790/(96.27)
-139-XX	39	3.800/(96.52)	3.890/(98.81)
-140-XX	40	3.900/(99.06)	3.990/(101.35)

PART NUMBER	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	DIM "F"	DIM "G"
91XX-1-1XX-01	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-02	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-03	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-04	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-05	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-06	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-07	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-08	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-09	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-10	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-11	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-12	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-13	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-14	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-15	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-16	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-17	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-18	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-19	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-20	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-21	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-22	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-23	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-24	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-25	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-26	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-27	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-28	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-29	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-30	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-31	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-32	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-33	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-34	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-35	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
91XX-1-1XX-36	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		



PART NUMBER LEGEND

- **PIN NUMBER** (SEE TABLE 2)
- **NUMBER OF POSITIONS PER ROW** (SEE TABLE 1)
- **PIN PLATING** (SEE NOTE 3)
- **INSULATOR MATERIAL** (SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

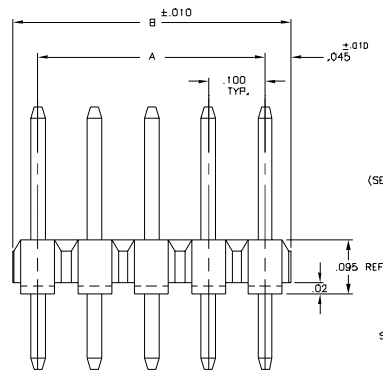
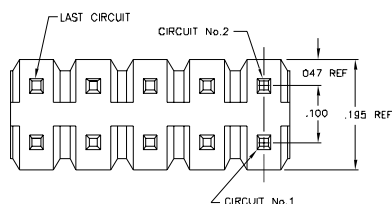


FIGURE 1
(FOR SEL. PLATED PINS ONLY.)
P/N's 91X8 & 91XF

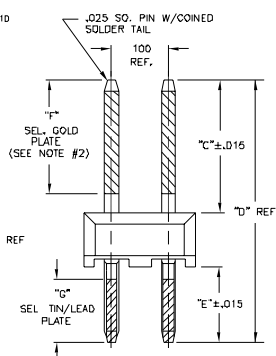
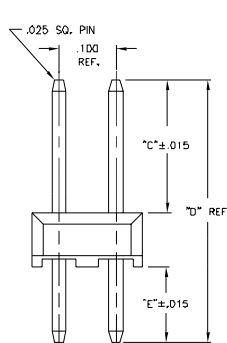


FIGURE 2
(FOR OVERALL PLATED PINS ONLY)
P/N's 91X0, 91X2 AND 91X7



NOTES:

- 1 INSULATOR MATERIAL:
 91IX - GLASS-FILLED POLYESTER (PET), UL 94V-0.
 COLOR - BLACK
 91IX - GLASS-FILLED POLYESTER (PCT), UL 94V-0.
 COLOR - BLACK
2. PIN MATERIAL: PHOSPHOR BRONZE.
3. PIN FINISH.
- 91XQ - BRIGHT TIN OVER NICKEL PLATE.
 91XZ - .000015 GOLD OVER .000050/.000150 NICKEL PLATE.
 91XZ - .000030 GOLD OVER .000050/.000150 NICKEL PLATE.
 91XB - .000050/.000150 NICKEL PLATE ALL OVER; .000030 SEL. GOLD
 PLATE AS INDICATED; .0001-.0002 SEL. 90/10 TIN/LEAD
 ON SOLDER TAIL AS INDICATED.
 91XF - .000050/.000150 NICKEL PLATE ALL OVER; .000015 SEL. GOLD
 PLATE AS INDICATED; .0001-.0002 SEL. 90/10 TIN/LEAD
 ON SOLDER TAIL AS INDICATED.

△4 OMIT,X ASSIGNED WHEN TOTAL NUMBER OF P/N CHARACTERS EXCEEDS 20.

TABLE 3

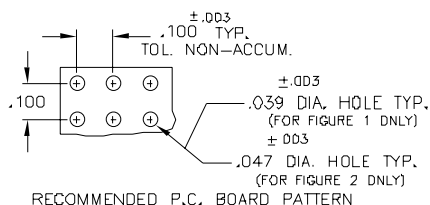
TABLE 3	
PART NUMBER	POS. # WITH PINS OMITTED
910F121402-OMIT,A	5, 6, 7, 11, 13, 19, 20
910F121402-OMIT,B	9, 10, 15, 17, 21, 23, 24

TABLE 1

PART NUMBER		TABLE 1	
		DIM. A	DIM. B
91XX-1-202-XX		4 100	1 900
	-203-	6 200	2 900
	-204-	8 300	3 900
	-205-	10 400	4 900
	-206-	12 500	5 900
	-207-	14 600	6 900
	-208-	16 700	7 900
	-209-	18 800	8 900
	-210-	20 900	9 900
	-211-	22 1 000	1 090
	-212-	24 1 100	1 190
	-213-	26 1 200	1 290
	-214-	28 1 300	1 390
	-215-	30 1 400	1 490
	-216-	32 1 500	1 590
	-217-	34 1 600	1 690
	-218-	36 1 700	1 790
	-219-	38 1 800	1 890
	-220-	40 1 900	1 990
	-221-	42 2 000	2 090
	-222-	44 2 100	2 190
	-223-	46 2 200	2 290
	-224-	48 2 300	2 390
	-225-	50 2 400	2 490
	-226-	52 2 500	2 590
	-227-	54 2 600	2 690
	-228-	56 2 700	2 790
	-229-	58 2 800	2 890
	-230-	60 2 900	2 990
	-231-	62 3 000	3 090
	-232-	64 3 100	3 190
	-233-	66 3 200	3 290
	-234-	68 3 300	3 390
	-235-	70 3 400	3 490
	-236-	72 3 500	3 590
	-237-	74 3 600	3 690
	-238-	76 3 700	3 790
	-239-	78 3 800	3 890
91XX-1-404-XX		8 900	1 900

TABLE 2

PART NUMBER	DIM. C	DIM D REF	DIM. E	DIM. F	DIM. G
91XX-1-2XX-01	.230	.500	.175	.200	.190
-02	.230	.435	.110	.165	.120
-03	.320	.590	.175	.200	.190
-04	.320	.525	.110	.200	.120
-05	.600	.700	.105	.200	.200
-06	.250	.440	.095	.160	.110
-07	.380	.650	.117	—	—
-08	.380	.600	.175	.200	.120
-09	.318	.940	.527	—	—
-10	.355	.560	.110	.200	.120
-11	.715	.940	.130	—	—
-12	.555	.755	.105	.200	.120
-13	.520	.735	.110	.200	.120
-14	.520	.825	.210	.200	.120
-15	.400 ± .010	.610	.115 ± .012	.200	.120
-16	.675	.898	.178	—	—
-17	.460	.825	.270	—	—
-18	.230	.590	.085	.120	.120
-19	.230	.590	.085	.200	.120
-20	.369	.700	.236	—	—
-21	.430	.640	.115 ± .015	.200	.120
-22	.318	.530	.117	.200	.120
-23	.370	.615	.050	—	—
-24	.380	.590	.115	—	—
-25	.720 ± .008	.940	.126	.200	.150
-26	.648	.910	.267	—	—
-27	.620 ± .008	.830	.10 ± .013	.200	.120
-28	.300 ± .008	.625	.109 ± .014	.200	.120
-29	.639	.842	.109	—	—
-30	.649	.860	.118	—	—
-31	.320 ± .008	.630	.210	.200	.120
-32	.230 ± .008	.440	.115	.160	.120
-33	.420 ± .008	.625	.110 ± .010	.200	.120
-34	.205 ± .008	.615	.115 ± .015	.160	.120
-35	.250 ± .008	.450	.105 ± .015	—	—
91XX-1-2XX-36	.870	1.03	.115	.200	.120



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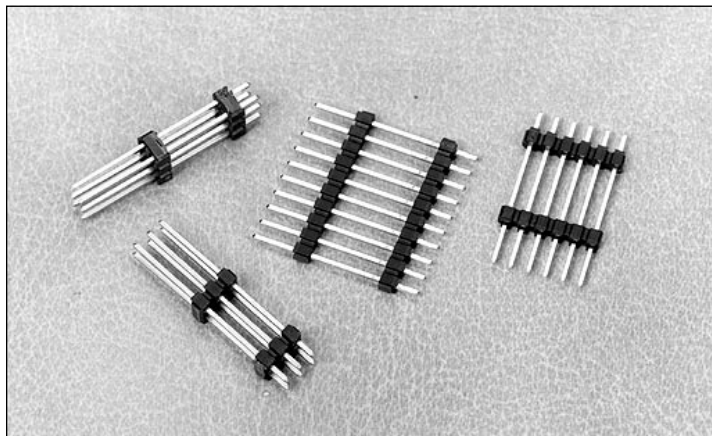
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.100" (2.54mm) Single Row Custom Double Insulator Headers



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-14-1XX-XXX

ASSIGNED BY METHODE REPRESENTING DIMS A, B, C

NUMBER OF POSITIONS
(SEE TABLE)

PIN PLATING
(SEE NOTE 3)

INSULATOR MATERIAL
(SEE NOTE 1)

NOTES:

1) INSULATOR MATERIAL:

910X- POLYESTER, 30% GLASS REINFORCED,
UL 94V-0; COLOR: BLACK

911X- POLYESTER 30% GLASS REINFORCED HI TEMP
UL 94V-0; COLOR: BLACK

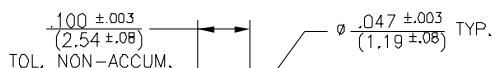
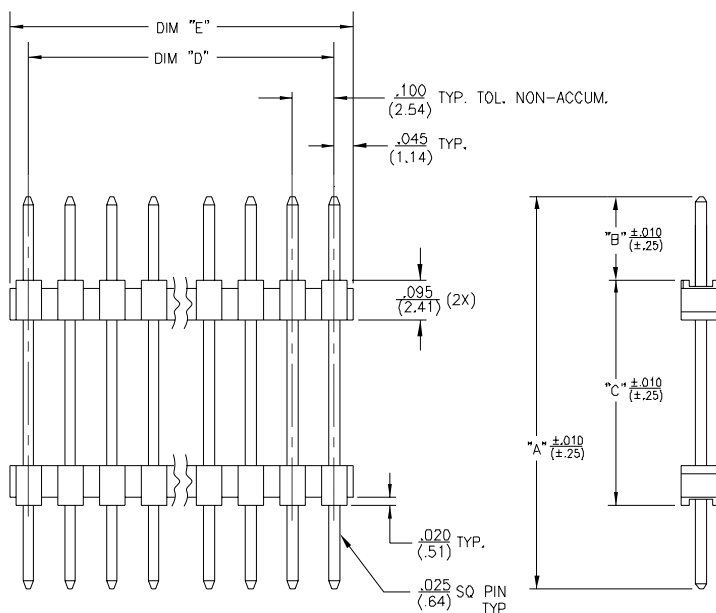
2) PIN MATERIAL: PHOSPHOR BRONZE

3) PIN FINISH: 91X0- BRITE TIN OVER NICKEL PLATE.

91X2- .000015 MIN. GOLD OVER NICKEL PLATE OVERALL

91X8- .000030 SELECTIVE GOLD PLATE IN CONTACT AREA OVER NICKEL
PLATE ALL OVER; SEL. TIN/LEAD ON SOLDER TAIL AS PER DRWG.

91XE- .000015 SELECTIVE GOLD PLATE IN CONTACT AREA OVER NICKEL
PLATE ALL OVER; TIN/LEAD ON SOLDER TAIL AS PER DRWG.



PART NUMBER	NO. OF POSITIONS	DIM. "D"	DIM. "E"
91XX-14-102-XX	2	.100/(2.54)	.190/(4.83)
↑ -103- ↑	3	.200/(5.08)	.290/(7.37)
↑ -104- ↑	4	.300/(7.62)	.390/(9.91)
↑ -105- ↑	5	.400/(10.16)	.490/(12.45)
↑ -106- ↑	6	.500/(12.70)	.590/(14.99)
↑ -107- ↑	7	.600/(15.24)	.690/(17.53)
↑ -108- ↑	8	.700/(17.78)	.790/(20.07)
↑ -109- ↑	9	.800/(20.32)	.890/(22.61)
↑ -110- ↑	10	.900/(22.86)	.990/(25.15)
↑ -111- ↑	11	1.000/(25.40)	1.090/(27.69)
↑ -112- ↑	12	1.100/(27.94)	1.190/(30.23)
↑ -113- ↑	13	1.200/(30.48)	1.290/(32.77)
↑ -114- ↑	14	1.300/(33.02)	1.390/(35.31)
↑ -115- ↑	15	1.400/(35.56)	1.490/(37.85)
↑ -116- ↑	16	1.500/(38.10)	1.590/(40.39)
↑ -117- ↑	17	1.600/(40.64)	1.690/(42.93)
↑ -118- ↑	18	1.700/(43.18)	1.790/(45.47)
↑ -119- ↑	19	1.800/(45.72)	1.890/(48.01)
↑ -120- ↑	20	1.900/(48.26)	1.990/(50.55)
↑ -121- ↑	21	2.000/(50.80)	2.090/(53.09)
↑ -122- ↑	22	2.100/(53.34)	2.190/(55.63)
↑ -123- ↑	23	2.200/(55.88)	2.290/(58.17)
↑ -124- ↑	24	2.300/(58.42)	2.390/(60.71)
↑ -125- ↑	25	2.400/(60.96)	2.490/(63.25)
↑ -126- ↑	26	2.500/(63.50)	2.590/(65.79)
↑ -127- ↑	27	2.600/(66.04)	2.690/(68.33)
↑ -128- ↑	28	2.700/(68.58)	2.790/(70.87)
↑ -129- ↑	29	2.800/(71.12)	2.890/(73.41)
↑ -130- ↑	30	2.900/(73.66)	2.990/(75.95)
↑ -131- ↑	31	3.000/(76.20)	3.090/(78.49)
↑ -132- ↑	32	3.100/(78.74)	3.190/(81.03)
↑ -133- ↑	33	3.200/(81.28)	3.290/(83.57)
↑ -134- ↑	34	3.300/(83.82)	3.390/(86.11)
↑ -135- ↑	35	3.400/(86.36)	3.490/(88.65)
↑ -136- ↑	36	3.500/(88.90)	3.590/(91.19)
↑ -137- ↑	37	3.600/(91.44)	3.690/(93.73)
↑ -138- ↑	38	3.700/(93.98)	3.790/(96.27)
↑ -139- ↑	39	3.800/(96.52)	3.890/(98.81)
91XX-14-140-XX	40	3.900/(99.06)	3.990/(101.35)



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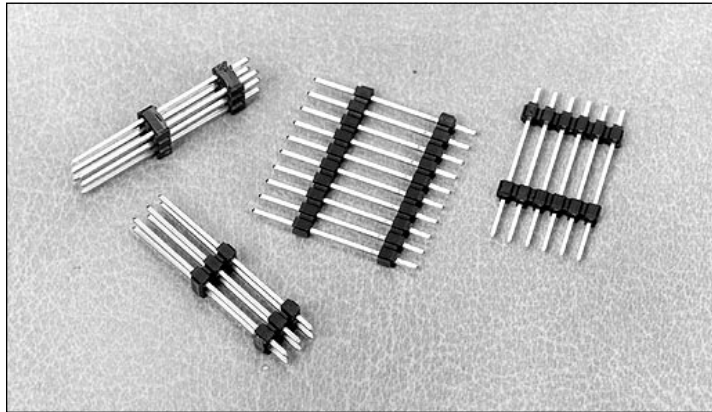
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.100" (2.54mm) Double Row Custom Double Insulator Headers



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-14-2XX-XXX

ASSIGNED BY METHODE REPRESENTING DIMS A, B, C

NUMBER OF POSITIONS
(SEE TABLE)

PIN PLATING
(SEE NOTE 3)

INSULATOR MATERIAL
(SEE NOTE 1)

NOTES:

1) INSULATOR MATERIAL:

910X- POLYESTER, 30% GLASS REINFORCED,
UL 94V-0; COLOR: BLACK

911X- POLYESTER 30% GLASS REINFORCED HI TEMP
UL 94V-0; COLOR: BLACK

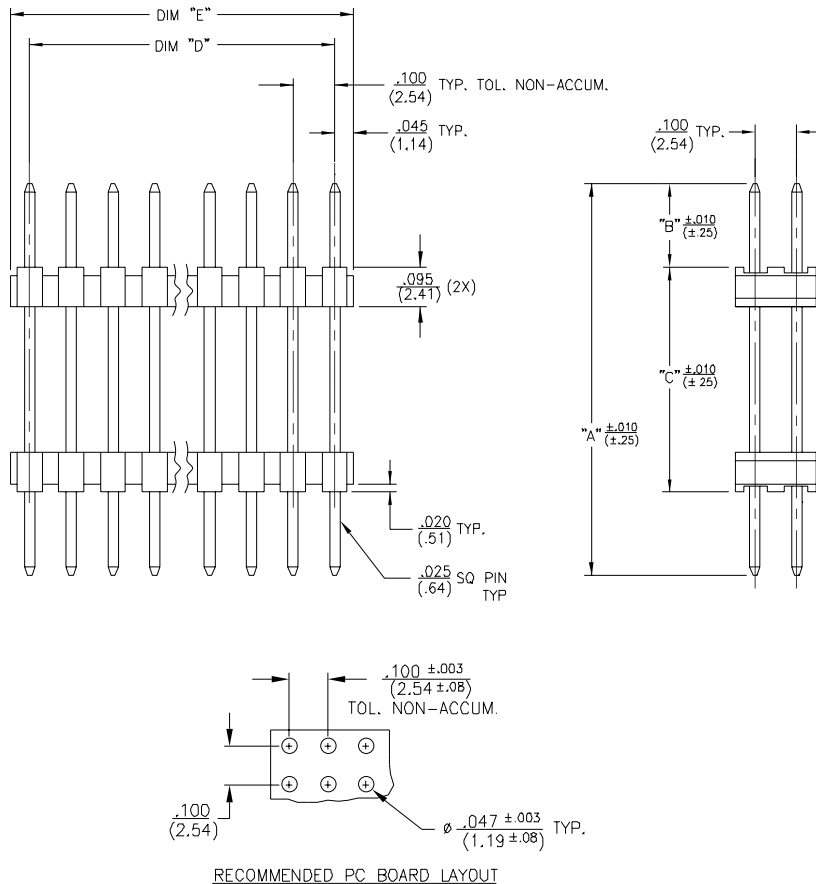
2) PIN MATERIAL: PHOSPHOR BRONZE

3) PIN FINISH: 91X0- BRITE TIN OVER NICKEL PLATE.

91X2- .000015 MIN. GOLD OVER NICKEL PLATE OVERALL

91X8- .000030 SELECTIVE GOLD PLATE IN CONTACT AREA OVER NICKEL
PLATE ALL OVER; SEL. TIN/LEAD ON SOLDER TAIL AS PER DRWG.

91XE- .000015 SELECTIVE GOLD PLATE IN CONTACT AREA OVER NICKEL
PLATE ALL OVER; TIN/LEAD ON SOLDER TAIL AS PER DRWG.



PART NUMBER	NO. OF POSITIONS	DIM. "D"	DIM. "E"
91XX-14-202-XX	4	.100/(2.54)	.190/(4.83)
-203-	6	.200/(5.08)	.290/(7.37)
-204-	8	.300/(7.62)	.390/(9.91)
-205-	10	.400/(10.16)	.490/(12.45)
-206-	12	.500/(12.70)	.590/(14.99)
-207-	14	.600/(15.24)	.690/(17.53)
-208-	16	.700/(17.78)	.790/(20.07)
-209-	18	.800/(20.32)	.890/(22.61)
-210-	20	.900/(22.86)	.990/(25.15)
-211-	22	1.000/(25.40)	1.090/(27.69)
-212-	24	1.100/(27.94)	1.190/(30.23)
-213-	26	1.200/(30.48)	1.290/(32.77)
-214-	28	1.300/(33.02)	1.390/(35.31)
-215-	30	1.400/(35.56)	1.490/(37.85)
-216-	32	1.500/(38.10)	1.590/(40.39)
-217-	34	1.600/(40.64)	1.690/(42.93)
-218-	36	1.700/(43.18)	1.790/(45.47)
-219-	38	1.800/(45.72)	1.890/(48.01)
-220-	40	1.900/(48.26)	1.990/(50.55)
-221-	42	2.000/(50.80)	2.090/(53.09)
-222-	44	2.100/(53.34)	2.190/(55.63)
-223-	46	2.200/(55.88)	2.290/(58.17)
-224-	48	2.300/(58.42)	2.390/(60.71)
-225-	50	2.400/(60.96)	2.490/(63.25)
-226-	52	2.500/(63.50)	2.590/(65.79)
-227-	54	2.600/(66.04)	2.690/(68.33)
-228-	56	2.700/(68.58)	2.790/(70.87)
-229-	58	2.800/(71.12)	2.890/(73.41)
-230-	60	2.900/(73.66)	2.990/(75.95)
-231-	62	3.000/(76.20)	3.090/(78.49)
-232-	64	3.100/(78.74)	3.190/(81.03)
-233-	66	3.200/(81.28)	3.290/(83.57)
-234-	68	3.300/(83.82)	3.390/(86.11)
-235-	70	3.400/(86.36)	3.490/(88.65)
-236-	72	3.500/(88.90)	3.590/(91.19)
-237-	74	3.600/(91.44)	3.690/(93.73)
-238-	76	3.700/(93.98)	3.790/(96.27)
-239-	78	3.800/(96.52)	3.890/(98.81)
91XX-14-240-XX	80	3.900/(99.06)	3.990/(101.35)



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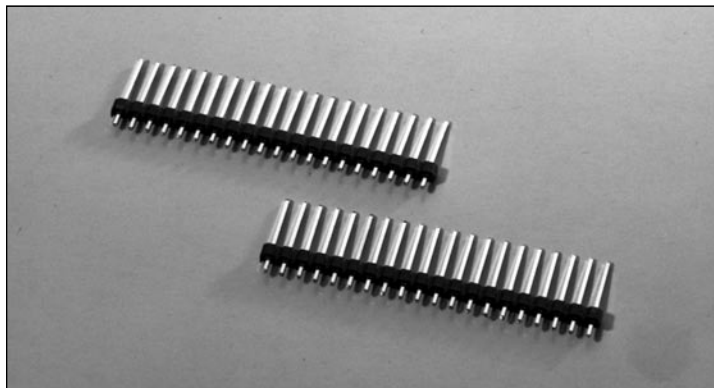
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PART NUMBER LEGEND

– **PIN NUMBER**
(SEE TABLE II)

— NUMBER OF POSITIONS
(SEE TABLE I)

– **PIN PLATING**
(SEE NOTE 3)

- **INSULATOR MATERIAL**
(SEE NOTE 1)

NOTES:

- 1) INSULATOR MATERIAL:
91QX-2-1XX-XX - POLYESTER (PET), 30% GLASS REINFORCED, UL 94V-0, COLOR: BLACK
91JX-2-1XX-XX - POLYESTER (PCT), 30% GLASS REINFORCED, UL 94V-0, COLOR: BLACK
- 2) PIN MATERIAL: PHOSPHOR BRONZE
- 3) PIN FINISH:
91XQ-2-1XX-XX - .000150/.0003 BRITE TIN PLATE OVER .000350/.000150 NICKEL PLATE,
91XZ-2-1XX-XX - .000350 OVERALL GOLD PLATE OVER .000050/.000150 NICKEL PLATE
91XB-2-1XX-XX - .000350 SLD. GOLD PLATE IN CONTACT AREA OVER .000050/.000150 NICKEL
PLATE ALL OVER; .0001/.0002 SLD. 90/10 TIN/LEAD PLATE ON SOLDER TAIL AS INDICATED.
91XE-2-1XX-XX - .000015 SLD. GOLD PLATE IN CONTACT AREA OVER .000050/.000150 NICKEL
PLATE ALL OVER; .0001/.0002 SLD. 90/10 TIN/LEAD PLATE ON SOLDER TAIL AS INDICATED.
- 4) ALL DIMS ARE IN IN/(MM).

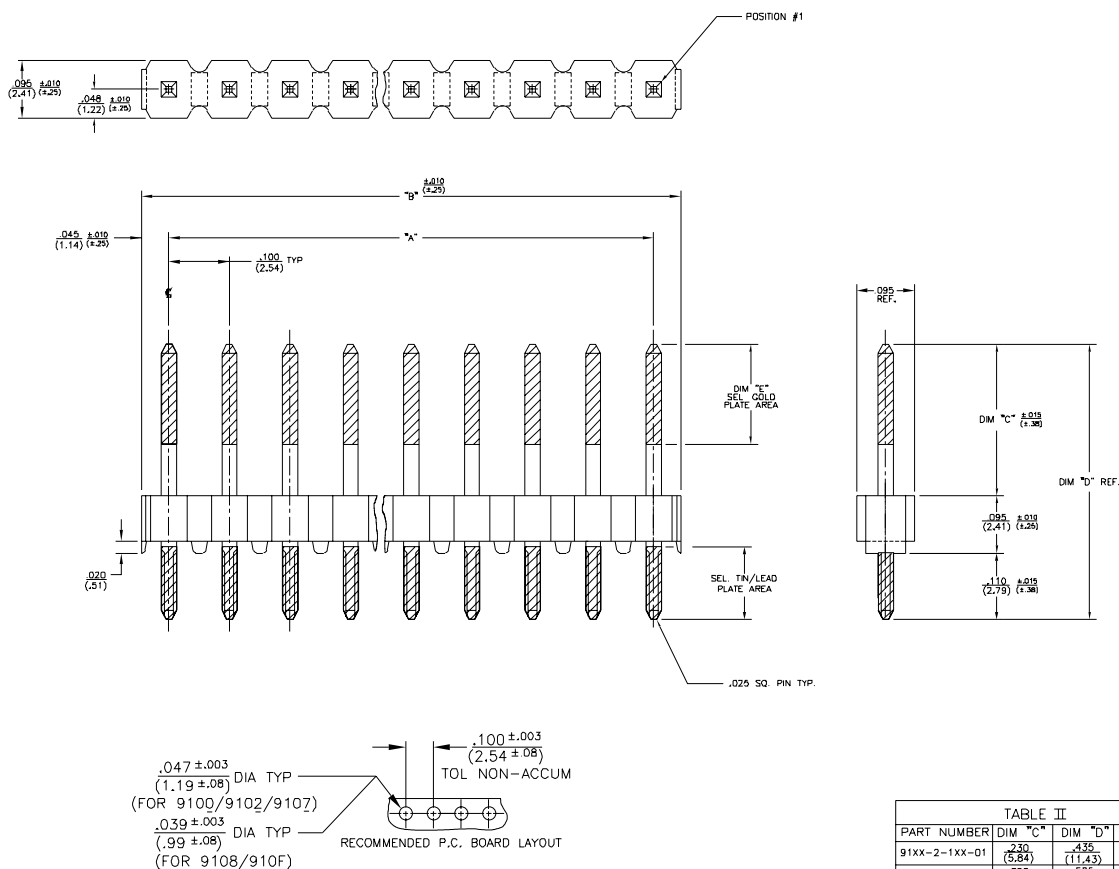


TABLE I			
PART NUMBER	Dim A	Dim B	Dim C
91XX-2-102-xx	1.00 (2.54)	.190 (4.82)	.290 (7.36)
91XX-2-103	.200 (5.08)	.390 (9.91)	.490 (12.45)
91XX-2-104	.300 (7.62)	.590 (14.98)	.690 (17.53)
91XX-2-105	.400 (10.16)	.890 (22.61)	.990 (25.15)
91XX-2-106	.500 (12.70)	1.290 (32.76)	1.590 (40.39)
91XX-2-107	.600 (15.24)	1.690 (42.93)	1.990 (50.55)
91XX-2-108	.700 (17.78)	2.090 (53.09)	2.390 (60.71)
91XX-2-109	.800 (20.32)	2.490 (62.86)	2.790 (71.12)
91XX-2-110	.900 (22.86)	2.890 (73.81)	3.190 (81.03)
91XX-2-111	1.000 (25.40)	3.290 (84.17)	3.590 (91.41)
91XX-2-112	1.100 (27.94)	3.690 (93.75)	3.990 (101.6)
91XX-2-113	1.200 (30.48)	4.090 (103.94)	4.490 (114.30)
91XX-2-114	1.300 (33.02)	4.490 (114.30)	4.890 (124.45)
91XX-2-115	1.400 (35.56)	4.890 (124.45)	5.290 (134.60)
91XX-2-116	1.500 (38.10)	5.290 (134.60)	5.690 (144.75)
91XX-2-117	1.600 (40.64)	5.690 (144.75)	6.090 (154.90)
91XX-2-118	1.700 (43.18)	6.090 (154.90)	6.490 (165.05)
91XX-2-119	1.800 (45.72)	6.490 (165.05)	6.890 (175.20)
91XX-2-120	1.900 (48.26)	6.890 (175.20)	7.290 (185.35)
91XX-2-121	2.000 (50.80)	7.290 (185.35)	7.690 (195.50)
91XX-2-122	2.100 (53.34)	7.690 (195.50)	8.090 (205.65)
91XX-2-123	2.200 (55.88)	8.090 (205.65)	8.490 (215.80)
91XX-2-124	2.300 (58.42)	8.490 (215.80)	8.890 (225.95)
91XX-2-125	2.400 (60.96)	8.890 (225.95)	9.290 (236.10)
91XX-2-126	2.500 (63.50)	9.290 (236.10)	9.690 (246.25)
91XX-2-127	2.600 (66.04)	9.690 (246.25)	10.090 (256.40)
91XX-2-128	2.700 (68.58)	10.090 (256.40)	10.490 (266.55)
91XX-2-129	2.800 (71.12)	10.490 (266.55)	10.890 (276.70)
91XX-2-130	2.900 (73.66)	10.890 (276.70)	11.290 (286.85)
91XX-2-131	3.000 (76.20)	11.290 (286.85)	11.690 (297.00)
91XX-2-132	3.100 (78.74)	11.690 (297.00)	12.090 (307.15)
91XX-2-133	3.200 (81.28)	12.090 (307.15)	12.490 (317.30)
91XX-2-134	3.300 (83.82)	12.490 (317.30)	12.890 (327.45)
91XX-2-135	3.400 (86.36)	12.890 (327.45)	13.290 (337.60)
91XX-2-136	3.500 (88.90)	13.290 (337.60)	13.690 (347.75)
91XX-2-137	3.600 (91.44)	13.690 (347.75)	14.090 (357.90)
91XX-2-138-xx	3.700 (93.98)	14.090 (357.90)	14.490 (368.05)
91XX-2-139-xx	3.800 (96.52)	14.490 (368.05)	14.890 (378.20)
91XX-2-140-xx	3.900 (99.06)	14.890 (378.20)	15.290 (388.35)

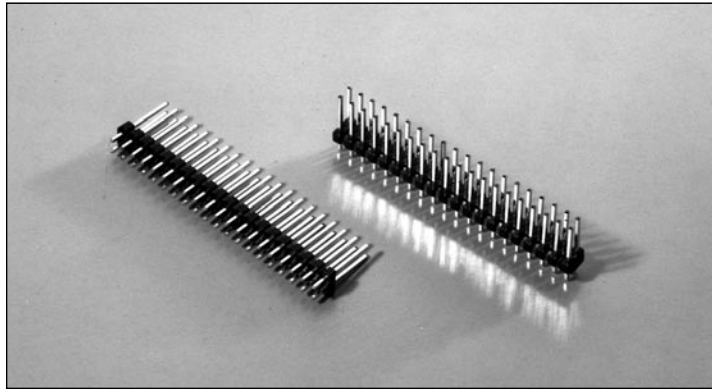


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.100" (2.54mm) Dual Row, Through Hole, Vertical Header with Special Standoffs



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-2-2XX-XX

- PIN NUMBER
(SEE TABLE 2)
- NUMBER OF POSITIONS PER ROW
(SEE TABLE 1)
- PIN PLATING
(SEE NOTE 3)
- INSULATOR MATERIAL
(SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

NOTES:

- 1) INSULATOR MATERIAL
910X-2-2XX-XX - POLYESTER (PET), 30% GLASS REINFORCED, UL 94V-0, COLOR: BLACK
911X-2-2XX-XX - POLYESTER (PET), 30% GLASS REINFORCED, UL 94V-0, COLOR: BLACK
- 2) PIN MATERIAL: PHOSPHOR BRONZE.
- 3) PIN FINISH:
910X-2-2XX-XX: TIN OVER NICKEL PLATE.
910Z-2-2XX-XX: .000015 GOLD OVER .000050 NICKEL PLATE.
910T-2-2XX-XX: .000030 GOLD OVER .000050 NICKEL PLATE.
910B-2-2XX-XX: .000050/.000100 NICKEL PLATE ALL OVER; .000030 GOLD PLATE AS INDICATED; .0001-.0002 90/10 TIN/LEAD PLATE ON SOLDER TAIL AS INDICATED.
910E-2-2XX-XX: .000050/.000100 NICKEL PLATE ALL OVER; .000015 GOLD PLATE AS INDICATED; .0001-.0002 90/10 TIN/LEAD PLATE ON SOLDER TAIL AS INDICATED.
- 4) ALL DIMENSIONS ARE IN IN./MM.
- 5) PIN RETENTION: 2 LB. MINIMUM.

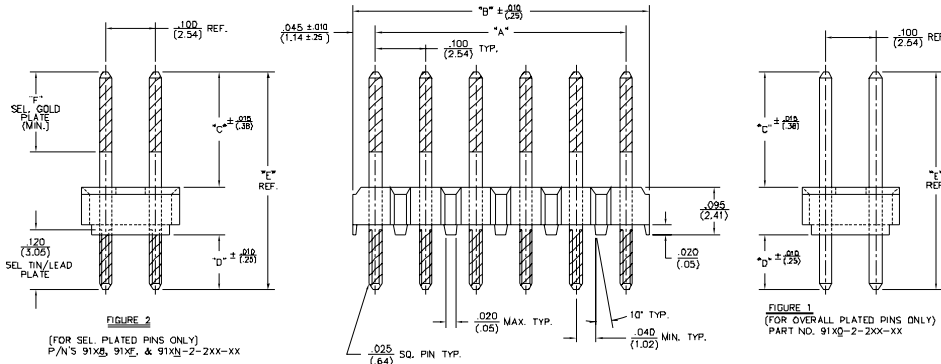
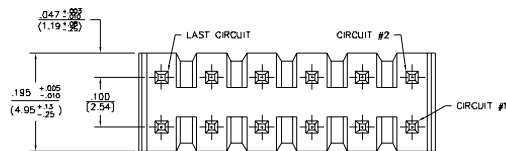
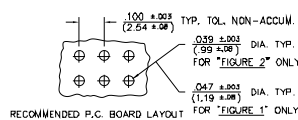


FIGURE 2
(FOR SEL. PLATED PINS ONLY)
P/N'S 91XB, 91XE, & 91XX-2-2XX-XX



RECOMMENDED P.C. BOARD LAYOUT FOR "FIGURE 1" ONLY

TABLE 1

PART NUMBER	NO. OF CIRCUITS	DIM. A		DIM. B	
		IN	MM	IN	MM
91XX-2-202-XX	4	.100	2.54	.190	4.83
-203-	6	.200	5.08	.290	7.37
-204-	8	.300	7.62	.390	9.91
-205-	10	.400	10.16	.490	12.45
-206-	12	.500	12.70	.590	14.99
-207-	14	.600	15.24	.690	17.53
-208-	16	.700	17.78	.790	20.07
-209-	18	.800	20.32	.890	22.61
-210-	20	.900	22.86	.990	25.15
-211-	22	1.000	25.40	1.090	27.69
-212-	24	1.100	27.94	1.190	30.23
-213-	26	1.200	30.48	1.290	32.77
-214-	28	1.300	33.02	1.390	35.31
-215-	30	1.400	35.56	1.490	37.85
-216-	32	1.500	38.10	1.590	40.39
-217-	34	1.600	40.64	1.690	42.93
-218-	36	1.700	43.18	1.790	45.47
-219-	38	1.800	45.72	1.890	48.01
-220-	40	1.900	48.26	1.990	50.55
-221-	42	2.000	50.80	2.090	53.09
-222-	44	2.100	53.34	2.190	55.63
-223-	46	2.200	55.88	2.290	58.17
-224-	48	2.300	58.42	2.390	60.71
-225-	50	2.400	60.96	2.490	63.25
-226-	52	2.500	63.50	2.590	65.79
-227-	54	2.600	66.04	2.690	68.33
-228-	56	2.700	68.58	2.790	70.87
-229-	58	2.800	71.12	2.890	73.41
-230-	60	2.900	73.66	2.990	75.95
-231-	62	3.000	76.20	3.090	78.49
-232-	64	3.100	78.74	3.190	81.03
-233-	66	3.200	81.28	3.290	83.57
-234-	68	3.300	83.82	3.390	86.11
-235-	70	3.400	86.36	3.490	88.65
-236-	72	3.500	88.90	3.590	91.19
-237-	74	3.600	91.44	3.690	93.73
-238-	76	3.700	93.98	3.790	96.27
-239-	78	3.800	96.52	3.890	98.81
91XX-2-240-XX	80	3.900	99.06	3.990	101.35

TABLE 2

PART NUMBER	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"
91XX-2-2XX-01	.230 (5.84)	.110 (2.78)	.440 (11.18)	.185 MIN. (4.70)
91XX-2-2XX-02	.280 (7.11)	.120 (3.05)	.425 (10.80)	—
91XX-2-2XX-03	.300 (7.62)	.130 (3.30)	.440 (11.18)	—
91XX-2-2XX-04	.350 (8.89)	.125 (3.18)	.450 (11.43)	.200 (5.08)
91XX-2-2XX-05	.430 (10.92)	.115 (2.93)	.440 (11.18)	.200 (5.08)
91XX-2-2XX-06	.435 (11.04)	.110 (2.78)	.440 (11.18)	.200 (5.08)
91XX-2-2XX-07	.453 (11.50)	.100 (2.54)	.440 (11.18)	.200 (5.08)



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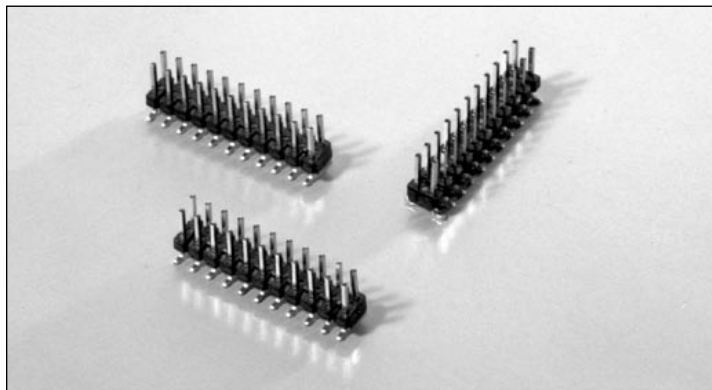
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.100" (2.54mm) Dual Row, Surface Mount, Vertical Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

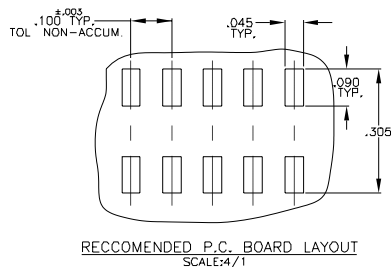
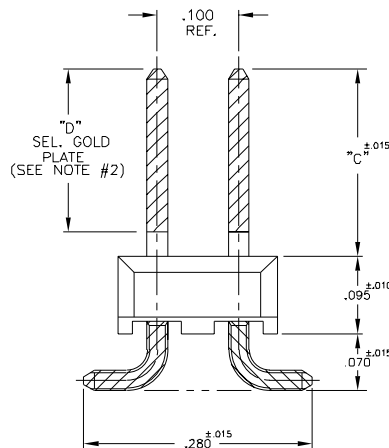
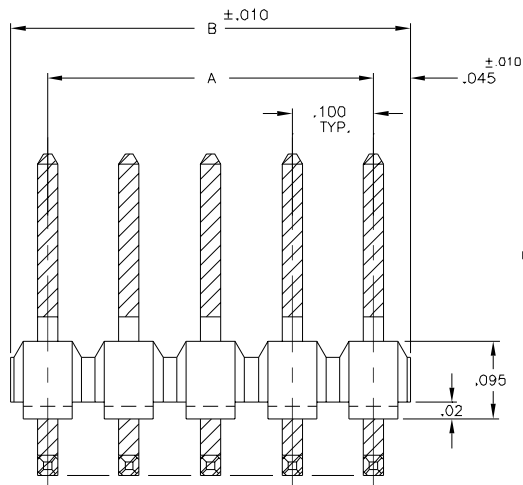
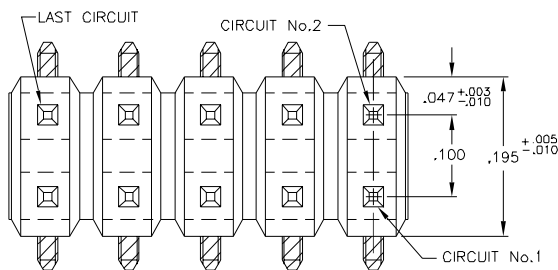
910X-21-2XX-XX

PIN NUMBER
(SEE TABLE 2)

NUMBER OF POSITIONS PER ROW
(SEE TABLE 1)

PIN FINISH PLATING
(SEE NOTE 2)

MATING CONNECTORS: 9000 SERIES



NOTES:

1. INSULATOR MATERIAL: POLYESTER (PET), 30% G/R, UL 94V-0.

2. PIN MATERIAL: PHOSPHOR BRONZE.

3. PIN FINISH:

9100 - BRIGHT TIN OVER NICKEL PLATE.

910B - .000050/.000150 NICKEL PLATE ALL OVER; .000030 SEL. GOLD PLATE AS INDICATED; .0001-.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS INDICATED.

910E - .000050/.000150 NICKEL PLATE ALL OVER; .000015 SEL. GOLD PLATE AS INDICATED; .0001-.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS INDICATED.

TABLE 2

PART NUMBER	DIM. C	DIM. D
910X-21-2XX-01	.230	.160
-02	.320	.200
-03	.405	.200

TABLE 1

PART NUMBER	No. OF CIRCUITS	DIM. A	DIM. B
910X-21-202-XX	4	.100	.19
-203-	6	.200	.29
-204-	8	.300	.39
-205-	10	.400	.49
-206-	12	.500	.59
-207-	14	.600	.69
-208-	16	.700	.79
-209-	18	.800	.89
-210-	20	.900	.99
-211-	22	1.000	1.09
-212-	24	1.100	1.19
-213-	26	1.200	1.29
-214-	28	1.300	1.39
-215-	30	1.400	1.49
-216-	32	1.500	1.59
-217-	34	1.600	1.69
-218-	36	1.700	1.79
-219-	38	1.800	1.89
-220-	40	1.900	1.99
-221-	42	2.000	2.09
-222-	44	2.100	2.19
-223-	46	2.200	2.29
-224-	48	2.300	2.39
-225-	50	2.400	2.49
-226-	52	2.500	2.59
-227-	54	2.600	2.69
-228-	56	2.700	2.79
-229-	58	2.800	2.89
-230-	60	2.900	2.99
-231-	62	3.000	3.09
-232-	64	3.100	3.19
-233-	66	3.200	3.29
-234-	68	3.300	3.39
-235-	70	3.400	3.49
-236-	72	3.500	3.59
-237-	74	3.600	3.69
-238-	76	3.700	3.79
-239-	78	3.800	3.89
910X-21-240-XX	80	3.900	3.99



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Far East:

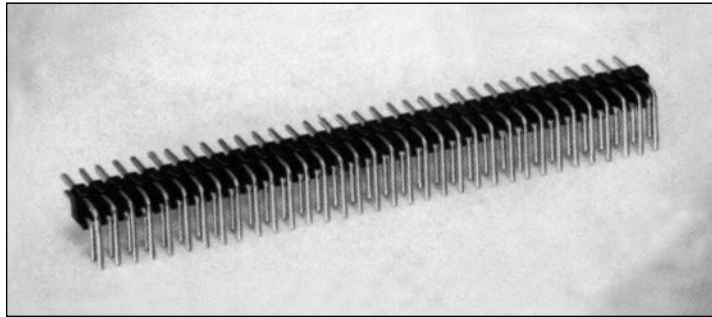
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.100" (2.54mm) Single Row, Through Hole, Right Angle Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-3-1XX-XX

- PIN NUMBER**
(SEE TABLE I)
- NUMBER OF POSITIONS**
(SEE TABLE II)
- PIN PLATING**
(SEE NOTE 2)
- INSULATOR MATERIAL**
(SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

NOTES:

- 1) INSULATOR MAT'L:
910X- POLYESTER (PET), 30% G/R, UL 94V-0
COLOR: BLACK
911X- POLYESTER (PCT), 30 % G/R, UL 94V-0
COLOR: BLACK
PIN MAT'L: PHOSPHOR BRONZE
- 2) PIN FINISH:
91XQ- .000150/.0003 BRITE TIN PLATE OVER .000050/.000100
NICKEL PLATE.
91X2- .000015 MIN. GOLD PLATE OVER .000050/.000150
NICKEL PLATE.
91X8- .000030 SELECTIVE GOLD PLATE IN CONTACT AREA OVER
.000050/.000150 NICKEL PLATE ALL OVER;
.0001-.0002 SEL. 90/10 TIN LEAD ON SOLDER TAILS
AS INDICATED.
91XE- .000150/.000250 90/10 TIN/LEAD OVER .00005/.000150
NICKEL PLATE.
91XF- .000015 SELECTIVE GOLD PLATE IN CONTACT AREA OVER
.000050/.000150 NICKEL PLATE ALL OVER;
.0001-.0002 SEL. 90/10 TIN LEAD ON SOLDER TAILS
AS INDICATED.
- 3) ALL DIMENSIONS ARE IN IN./ (MM)
- 4) PIN RETENTION: 2 LB. MINIMUM.

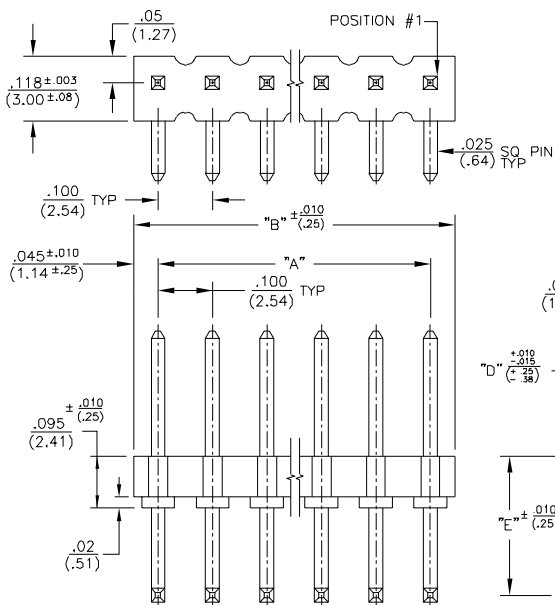


FIGURE I
(FOR OVERALL PLATED PINS ONLY)
P/N'S 91XQ AND 91X2-3-1XX-XX

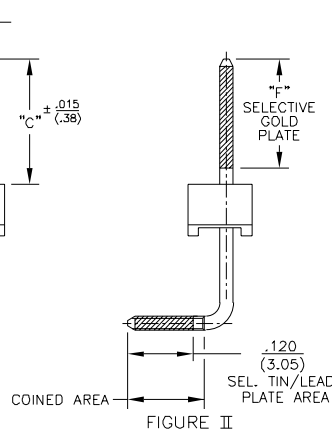
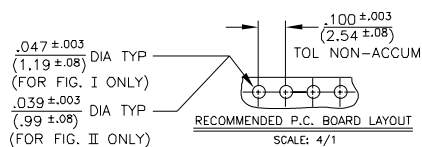


FIGURE II
(FOR SEL PLATED PINS ONLY)
P/N'S 91X8 AND 91XF-3-1XX-XX
(OTHERWISE SAME AS FIGURE I)



PART NUMBER	NO. OF POSITIONS	DIM. "A"	DIM. "B"
91XX-3-102-XX	2	.100/(2.54)	.190/(4.83)
91XQ-103-3	3	.200/(5.08)	.290/(7.37)
91XQ-104-4	4	.300/(7.62)	.390/(9.91)
91XQ-105-5	5	.400/(10.16)	.490/(12.45)
91XQ-106-6	6	.500/(12.70)	.590/(14.99)
91XQ-107-7	7	.600/(15.24)	.690/(17.53)
91XQ-108-8	8	.700/(17.78)	.790/(20.07)
91XQ-109-9	9	.800/(20.32)	.890/(22.61)
91XQ-110-10	10	.900/(22.86)	.990/(25.15)
91XQ-111-11	11	1.000/(25.40)	1.090/(27.69)
91XQ-112-12	12	1.100/(27.94)	1.190/(30.23)
91XQ-113-13	13	1.200/(30.48)	1.290/(32.77)
91XQ-114-14	14	1.300/(33.02)	1.390/(35.31)
91XQ-115-15	15	1.400/(35.56)	1.490/(37.85)
91XQ-116-16	16	1.500/(38.10)	1.590/(40.39)
91XQ-117-17	17	1.600/(40.64)	1.690/(42.93)
91XQ-118-18	18	1.700/(43.18)	1.790/(45.47)
91XQ-119-19	19	1.800/(45.72)	1.890/(48.01)
91XQ-120-20	20	1.900/(48.26)	1.990/(50.55)
91XQ-121-21	21	2.000/(50.80)	2.090/(53.09)
91XQ-122-22	22	2.100/(53.34)	2.190/(55.63)
91XQ-123-23	23	2.200/(55.88)	2.290/(58.17)
91XQ-124-24	24	2.300/(58.42)	2.390/(60.71)
91XQ-125-25	25	2.400/(60.96)	2.490/(63.25)
91XQ-126-26	26	2.500/(63.50)	2.590/(65.79)
91XQ-127-27	27	2.600/(66.04)	2.690/(68.33)
91XQ-128-28	28	2.700/(68.58)	2.790/(70.87)
91XQ-129-29	29	2.800/(71.12)	2.890/(73.41)
91XQ-130-30	30	2.900/(73.66)	2.990/(75.95)
91XQ-131-31	31	3.000/(76.20)	3.090/(78.49)
91XQ-132-32	32	3.100/(78.74)	3.190/(81.03)
91XQ-133-33	33	3.200/(81.28)	3.290/(83.57)
91XQ-134-34	34	3.300/(83.82)	3.390/(86.11)
91XQ-135-35	35	3.400/(86.36)	3.490/(88.65)
91XQ-136-36	36	3.500/(88.90)	3.590/(91.19)
91XQ-137-37	37	3.600/(91.44)	3.690/(93.73)
91XQ-138-38	38	3.700/(93.98)	3.790/(96.27)
91XQ-139-39	39	3.800/(96.52)	3.890/(98.81)
91XX-3-140-XX	40	3.900/(99.06)	3.990/(101.35)

PART No.	DIM "C"	DIM "D"	DIM "E"	DIM "F"
91XX-3-1XX-01	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-02	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-03	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-04	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-05	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-06	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-07	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-08	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-09	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-10	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)



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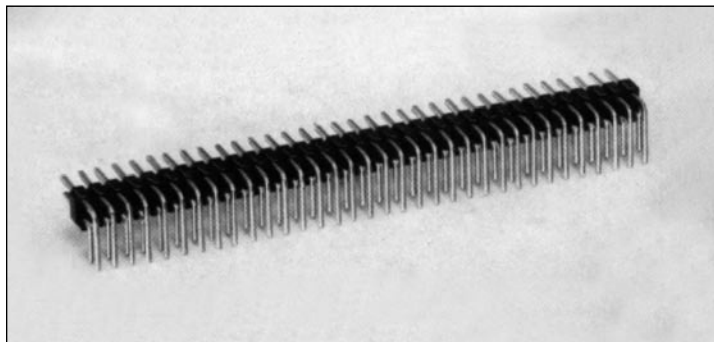
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.100" (2.54mm) Dual Row, Through Hole, Right Angle Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-3-2XX-XX

- PIN NUMBER**
(SEE TABLE 2)
- NUMBER OF POSITIONS**
(SEE TABLE 1)
- PIN PLATING**
(SEE NOTE 3)
- INSULATOR MATERIAL**
(SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

NOTES:

- INSULATOR MATERIAL:
910X- POLYESTER (PET), 30% GLASS REINFORCED, UL 94V-0
911X- POLYESTER (PCT), 30% GLASS REINFORCED, UL 94V-0
- PIN MATERIAL : PHOSPHOR BRONZE
- PIN FINISH :
9100-3-2XX-XX - TIN OVER NICKEL PLATE.
9102-3-2XX-XX - .000015 GOLD OVER .000050 NICKEL PLATE.
9108-3-2XX-XX - .000050/.000150 NICKEL PLATE ALL OVER; .000030 SEL. GOLD PLATE AS INDICATED;
.0001-.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS INDICATED.
910F-3-2XX-XX - .000050/.000150 NICKEL PLATE ALL OVER; .000015 SEL. GOLD PLATE AS INDICATED;
.0001-.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS INDICATED.
- PIN RETENTION: 2 LB. MINIMUM.

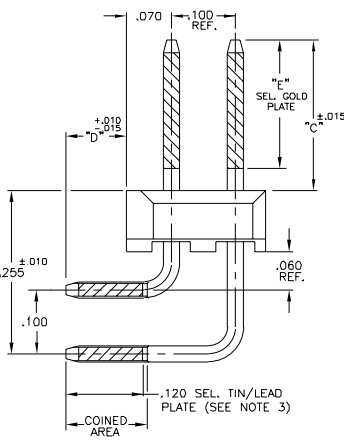
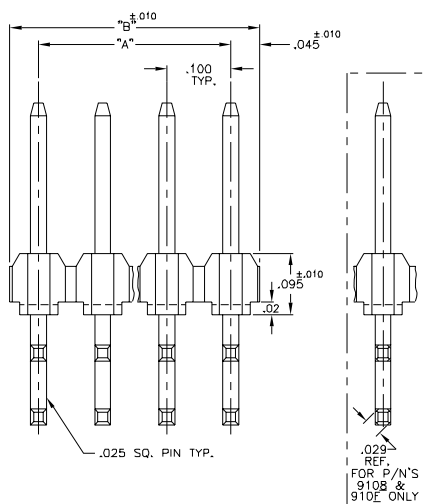
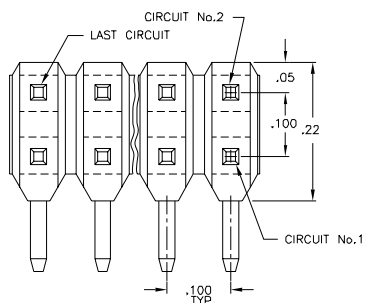


FIGURE 1
(FOR SEL. PLATED PINS ONLY.)
P/N's 9108 AND 910F

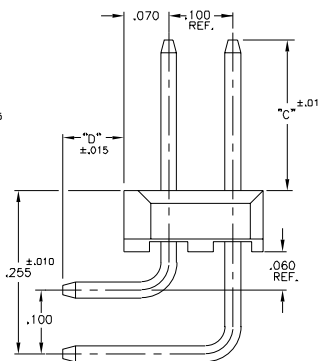
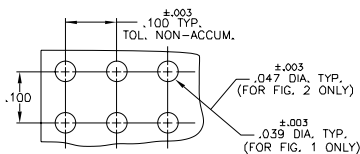


FIGURE 2
(FOR OVERALL PLATED PINS ONLY)
P/N's 9100 AND 9102



RECOMMENDED P.C. BOARD PATTERN

TABLE 1

PART NUMBER	No. OF CIRCUITS	DIM. "A"	DIM. "B"
910X-3-202-XX	4	.100	.190
-203-	6	.200	.290
-204-	8	.300	.390
-205-	10	.400	.490
-206-	12	.500	.590
-207-	14	.600	.690
-208-	16	.700	.790
-209-	18	.800	.890
-210-	20	.900	.990
-211-	22	1.000	1.090
-212-	24	1.100	1.190
-213-	26	1.200	1.290
-214-	28	1.300	1.390
-215-	30	1.400	1.490
-216-	32	1.500	1.590
-217-	34	1.600	1.690
-218-	36	1.700	1.790
-219-	38	1.800	1.890
-220-	40	1.900	1.990
-221-	42	2.000	2.090
-222-	44	2.100	2.190
-223-	46	2.200	2.290
-224-	48	2.300	2.390
-225-	50	2.400	2.490
-226-	52	2.500	2.590
-227-	54	2.600	2.690
-228-	56	2.700	2.790
-229-	58	2.800	2.890
-230-	60	2.900	2.990
-231-	62	3.000	3.090
-232-	64	3.100	3.190
-233-	66	3.200	3.290
-234-	68	3.300	3.390
-235-	70	3.400	3.490
-236-	72	3.500	3.590
-237-	74	3.600	3.690
-238-	76	3.700	3.790
-239-	78	3.800	3.890
910X-3-240-XX	80	3.900	3.990

TABLE 2

PART No.	"C"	"D"	"E"
910X-3-2XX-01	.230	.110	.200
-02	.320	.110	.200
-03	.500	.110	—
-04	.230±.010	.290	—
-05	.230	.090	.200
-06	.318	.095	.200
-07	.110	.110	—
-08	.280	.110	.200
910X-3-2XX-09	.230	.190	.200



North and South America:

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1700 Hicks Road • Rolling Meadows, IL 60008 USA

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+353 (0) 61 401222 • Fax: +353 (0) 61 401942

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Far East:

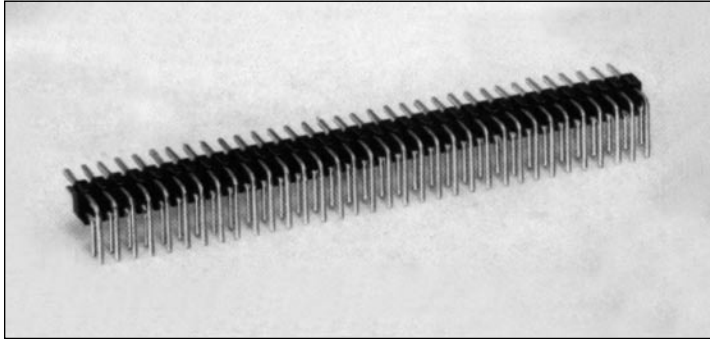
Methode Electronics Far East, Pte. Ltd.

1 Tuas Lane, Jurong Town • Singapore 638610

65-68615444 • Fax: 65-68614777

Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html

.100" (2.54mm) Single Row, Through Hole, Right Angle Header with Retention Tails



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-33-1XX-XX

PIN NUMBER
(SEE TABLE II)

NUMBER OF POSITIONS
(SEE TABLE I)

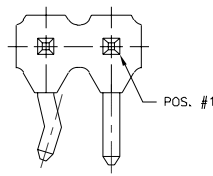
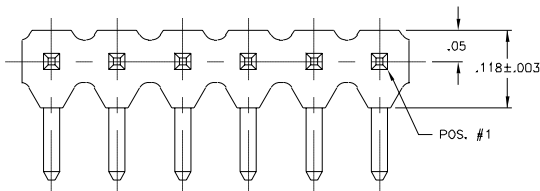
PIN PLATING
(SEE NOTE 3)

INSULATOR MATERIAL
(SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

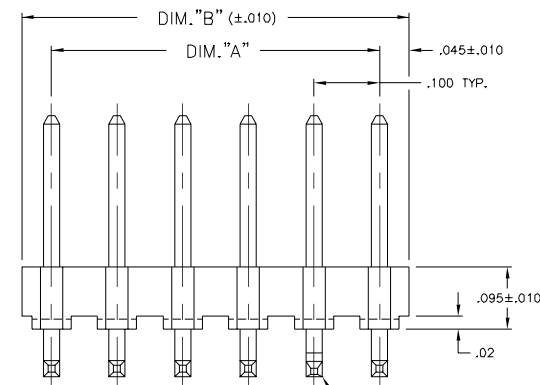
NOTES:

- 1) INSULATOR MATERIAL: 910X - POLYESTER (PET), 30% G.R., U.L. 94V-0, COLOR IS BLACK; 911X - POLYESTER (PCT), 30% G.R., U.L. 94V-0, COLOR IS BLACK.
- 2) PIN MATERIAL: PHOSPHOR BRONZE.
- 3) PIN FINISH: 91X0 - TIN/LEAD OVER NICKEL PLATE;
91X2 - GOLD (.000015 THICK) OVER NICKEL PLATE (.000030 THICK);
91X8 - SEL. GOLD (.000030 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK);
91XE - SEL. GOLD (.000015 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK).

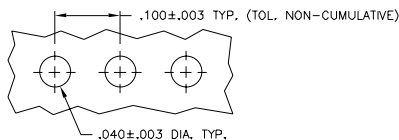
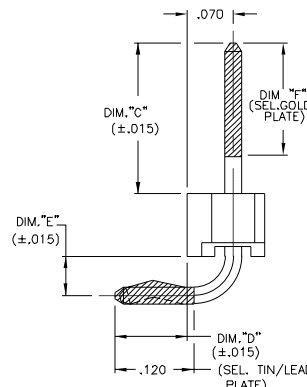


DETAIL "A"
TAIL FORM CONFIGURATION
FOR 2 POS. ASS'Y. ONLY

PART No.	DIM "C"	DIM "D"	DIM "E"	DIM "F"
91XX-33-1XX-01	.230	.110	.060	.160
91XX-33-1XX-02	.320	.110	.060	.200
91XX-33-1XX-03	.400	.110	.060	.200
91XX-33-1XX-04	.465	.110	.155	---



1ST RETENTION TAIL TO BE FORMED AT POS. #2.
TYPICAL FOR 3-THRU-40 POS. ASSEMBLIES; SEE TABLE I FOR 2ND & 3RD FORMED TAIL LOCATIONS; SEE DETAIL "A" FOR TAIL FORM CONFIGURATION FOR 2 POS. ASS'Y.



RECOMMENDED P.C. BOARD LAYOUT

PART No.	No. OF POS.	DIM "A"	DIM "B"	2ND TAIL POS.	3RD TAIL POS.
91XX-33-102-XX	2	.100	.190	---	---
↑ -103-	3	.200	.290	---	---
↑ -104-	4	.300	.390	---	---
↑ -105-	5	.400	.490	4	---
↑ -106-	6	.500	.590	5	---
↑ -107-	7	.600	.690	6	---
↑ -108-	8	.700	.790	7	---
↑ -109-	9	.800	.890	8	---
↑ -110-	10	.900	.990	9	---
↑ -111-	11	1.000	1.090	10	---
↑ -112-	12	1.100	1.190	11	---
↑ -113-	13	1.200	1.290	12	---
↑ -114-	14	1.300	1.390	13	---
↑ -115-	15	1.400	1.490	14	---
↑ -116-	16	1.500	1.590	15	---
↑ -117-	17	1.600	1.690	16	---
↑ -118-	18	1.700	1.790	17	---
↑ -119-	19	1.800	1.890	18	---
↑ -120-	20	1.900	1.990	19	---
↑ -121-	21	2.000	2.090	20	11
↑ -122-	22	2.100	2.190	21	11
↑ -123-	23	2.200	2.290	22	12
↑ -124-	24	2.300	2.390	23	12
↑ -125-	25	2.400	2.490	24	13
↑ -126-	26	2.500	2.590	25	13
↑ -127-	27	2.600	2.690	26	14
↑ -128-	28	2.700	2.790	27	14
↑ -129-	29	2.800	2.890	28	15
↑ -130-	30	2.900	2.990	29	15
↑ -131-	31	3.000	3.090	30	16
↑ -132-	32	3.100	3.190	31	16
↑ -133-	33	3.200	3.290	32	17
↑ -134-	34	3.300	3.390	33	17
↑ -135-	35	3.400	3.490	34	18
↑ -136-	36	3.500	3.590	35	18
↑ -137-	37	3.600	3.690	36	19
↑ -138-	38	3.700	3.790	37	19
↑ -139-	39	3.800	3.890	38	20
↑ -140-XX	40	3.900	3.990	39	20



North and South America:

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Email: info@methode.ie • Web: ireland.methode.com/main.html

Far East:

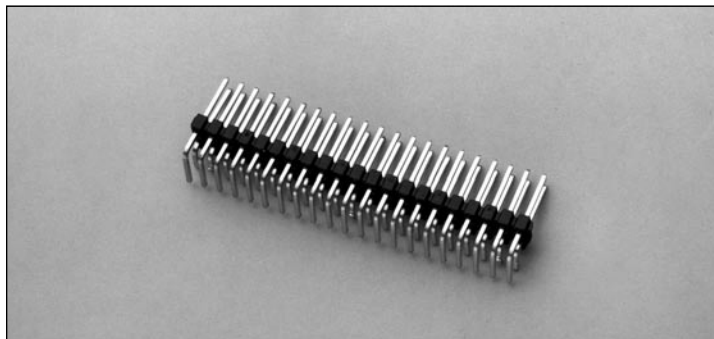
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.100" (2.54mm) Dual Row, Through Hole, Right Angle Header with Retention Tails



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-33-2XX-XX

PIN NUMBER
(SEE TABLE 2)

NUMBER OF POSITIONS PER ROW
(SEE TABLE 1)

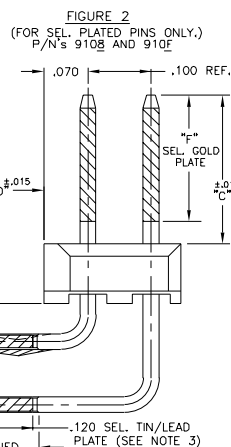
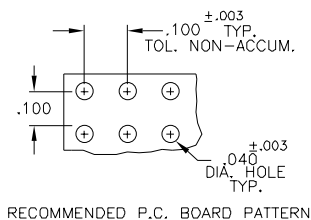
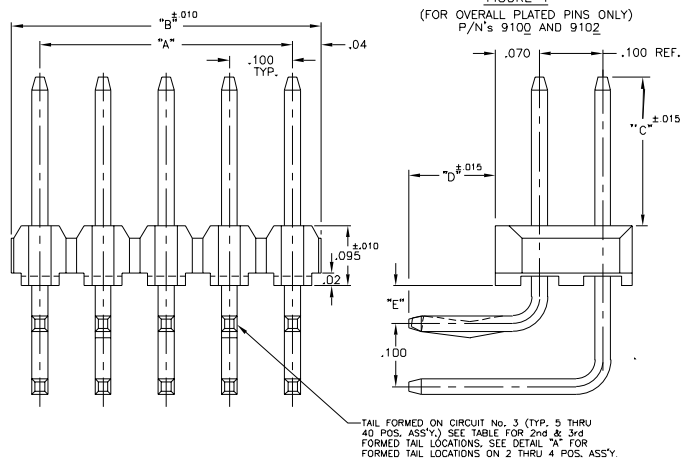
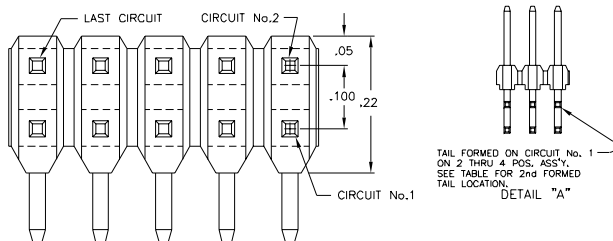
PIN PLATING (SEE NOTE 3)

INSULATOR MATERIAL (SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

NOTES:

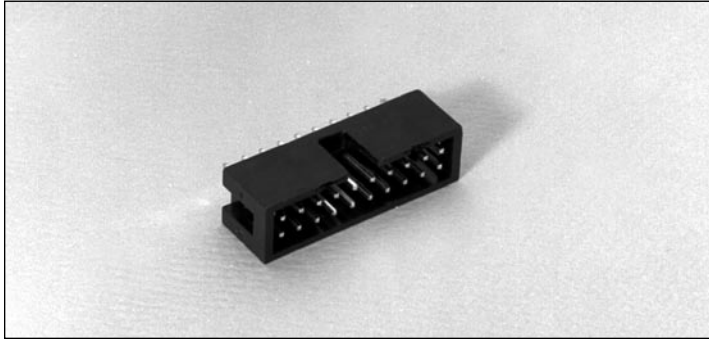
- INSULATOR MATERIAL : 910X - GLASS FILLED POLYESTER (PET); UL 94V-0; COLOR: BLACK
911X - GLASS FILLED POLYESTER (PCT); UL 94V-0; COLOR: BLACK
- PIN MATERIAL : PHOSPHOR BRONZE
- PIN FINISH :
910Q - BRITE TIN OVER NICKEL PLATE.
910J - .000015 GOLD OVER NICKEL PLATE.
910B - .000050/.000150 NICKEL PLATE ALL OVER; .000030 SEL. GOLD PLATE AS INDICATED; .0001-.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS INDICATED.
910E - .000050/.000150 NICKEL PLATE ALL OVER; .000015 SEL. GOLD PLATE AS INDICATED; .0001-.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS INDICATED.



PART No.	"C"	"D"	"E"	"F"
-01	.230	.110	.06	.200
-02	.320	.110	.06	.200
-03	.225 ± .008	.085 ± .008	.035	.200
-04	.342 ± .008	.102	.06	.200

PART NUMBER	NO. OF CIRCuits	DIM. A	DIM. B	2nd FORMED TAIL LOCATION	3rd FORMED TAIL LOCATION
910X-33-202-XX	4	1.100	1.790	3	-
-203	6	2.200	2.290	5	-
-204	8	3.300	3.390	7	-
-205	10	4.400	4.490	9	-
-206	12	5.500	5.590	11	-
-207	14	6.600	6.690	13	-
-208	16	7.700	7.790	15	-
-209	18	8.800	8.890	17	-
-210	20	9.900	9.990	19	-
-211	22	11.000	11.090	21	-
-212	24	12.100	12.190	23	-
-213	26	13.200	13.290	25	-
-214	28	14.300	14.390	27	-
-215	30	15.400	15.490	29	-
-216	32	16.500	16.590	31	-
-217	34	17.600	17.690	33	-
-218	36	18.700	18.790	35	-
-219	38	19.800	19.890	37	-
-220	40	20.900	20.990	39	-
-221	42	22.000	22.090	41	-
-222	44	23.100	23.190	43	-
-223	46	24.200	24.290	45	-
-224	48	25.300	25.390	47	-
-225	50	26.400	26.490	49	-
-226	52	27.500	27.590	51	-
-227	54	28.600	28.690	53	-
-228	56	29.700	29.790	55	-
-229	58	30.800	30.890	57	-
-230	60	31.900	31.990	59	-
-231	62	33.000	33.090	61	-
-232	64	34.100	34.190	63	-
-233	66	35.200	35.290	65	-
-234	68	36.300	36.390	67	-
-235	70	37.400	37.490	69	-
-236	72	38.500	38.590	71	-
-237	74	39.600	39.690	73	-
-238	76	40.700	40.790	75	-
-239	78	41.800	41.890	77	-
910X-33-240-XX	80	42.900	42.990	79	-

.100" (2.54mm) Dual Row, Through Hole, Vertical Polarizing Shrouded Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-40-2XX-01

NUMBER OF POSITIONS
(SEE TABLE)

PIN PLATING
(SEE NOTE 2)

INSULATOR MATERIAL
(SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES & 9300-6XX/7XX SERIES

NOTES:

1) MATERIALS

INSULATOR

9100-40-2XX-01: POLYESTER (PBT), 30% GLASS FILLED, UL94V-0
9110-40-2XX-01: POLYESTER (PCT), 30% GLASS FILLED, UL94V-0

PINS: PHOSPHOR BRONZE

2) PIN FINISH:

91XX-40-2XX-01: BRUTE TIN OVER NICKEL PLATE

91X8-40-2XX-01: .000050 NICKEL PLATE ALL OVER;

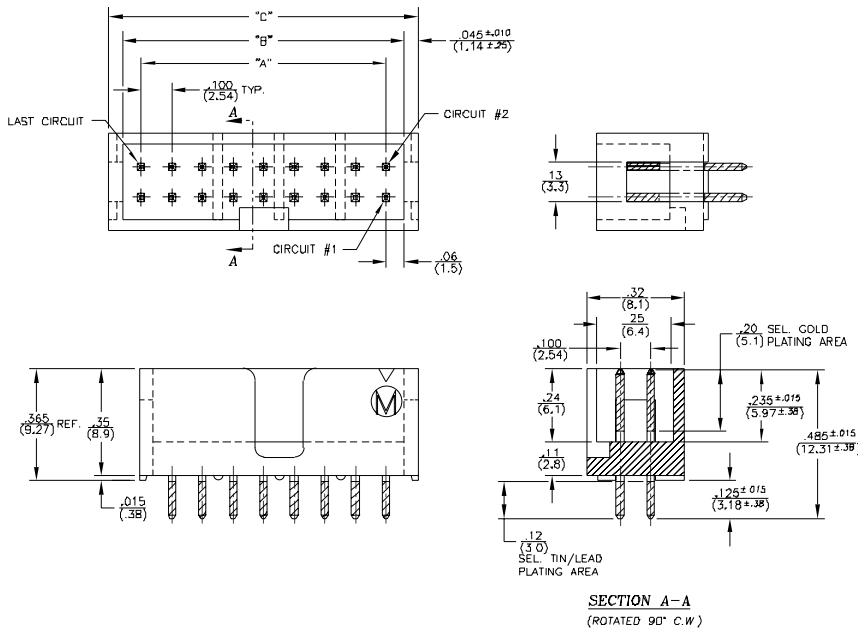
000030 SEL. GOLD IN MATING AREA;

0001-0002 SEL. TIN/LEAD ON SOLDER TAIL.

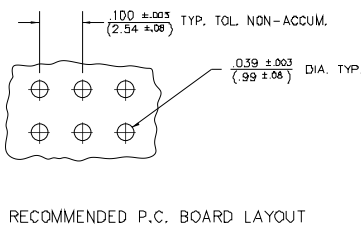
91XE-40-2XX-01: .000050 NICKEL PLATE ALL OVER;

000015 SEL. GOLD IN MATING AREA;

0001-0002 SEL. TIN/LEAD ON SOLDER TAIL.



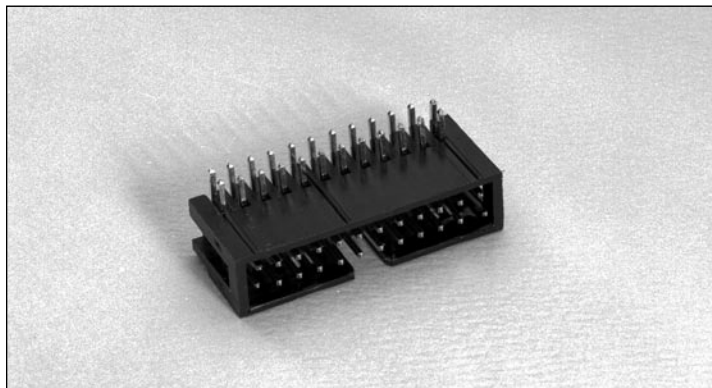
SECTION A-A
(ROTATED 90° C.W.)



PART NUMBER	NO. OF POSITIONS	DIM "A"	DIM "B"	DIM "B"
91XX-40-202-01	4	.100 (2.54)	.220 (5.58)	.310 (7.87)
↑ -203	6	.200 (5.08)	.320 (8.13)	.410 (10.41)
↑ -204	8	.300 (7.62)	.420 (10.67)	.510 (12.95)
↑ -205	10	.400 (10.16)	.520 (13.21)	.610 (15.49)
↑ -206	12	.500 (12.70)	.620 (15.75)	.710 (18.03)
↑ -207	14	.600 (15.24)	.720 (18.29)	.810 (20.57)
↑ -208	16	.700 (17.78)	.820 (20.83)	.910 (23.11)
↑ -209	18	.800 (20.32)	.920 (23.37)	1.010 (25.65)
↑ -210	20	.900 (22.86)	1.020 (25.91)	1.110 (28.19)
↑ -211	22	1.000 (25.40)	1.120 (28.45)	1.210 (30.73)
↑ -212	24	1.100 (27.94)	1.220 (30.99)	1.310 (33.27)
↑ -213	26	1.200 (30.48)	1.320 (33.53)	1.410 (35.81)
↑ -214	28	1.300 (33.02)	1.420 (36.07)	1.510 (38.35)
↑ -215	30	1.400 (35.56)	1.520 (38.61)	1.610 (40.89)
↑ -216	32	1.500 (38.10)	1.620 (41.15)	1.710 (43.43)
↑ -217	34	1.600 (40.64)	1.720 (43.69)	1.810 (45.97)
↑ -218	36	1.700 (43.18)	1.820 (46.23)	1.910 (48.51)
↑ -219	38	1.800 (45.72)	1.920 (48.77)	2.010 (51.05)
↑ -220	40	1.900 (48.26)	2.020 (51.31)	2.110 (53.59)
91XX-40-221-01	42	2.000 (50.80)	2.120 (53.85)	2.210 (56.13)

PART NUMBER	NO. OF POSITIONS	DIM "A"	DIM "B"	DIM "B"
91XX-40-222-01	44	2.100 (53.34)	2.220 (56.38)	2.310 (58.87)
↑ -223	46	2.200 (55.88)	2.320 (58.93)	2.410 (61.21)
↑ -224	48	2.300 (58.42)	2.420 (61.47)	2.510 (63.75)
↑ -225	50	2.400 (60.96)	2.520 (64.01)	2.610 (66.29)
↑ -226	52	2.500 (63.50)	2.620 (66.55)	2.710 (68.83)
↑ -227	54	2.600 (66.04)	2.720 (69.09)	2.810 (71.37)
↑ -228	56	2.700 (68.58)	2.820 (71.63)	2.910 (73.91)
↑ -229	58	2.800 (71.12)	2.920 (74.17)	3.010 (76.45)
↑ -230	60	2.900 (73.66)	3.020 (76.71)	3.110 (78.99)
↑ -231	62	3.000 (76.20)	3.120 (79.25)	3.210 (81.53)
↑ -232	64	3.100 (78.74)	3.220 (81.79)	3.310 (84.07)
↑ -233	66	3.200 (81.28)	3.320 (84.33)	3.410 (86.61)
↑ -234	68	3.300 (83.82)	3.420 (86.87)	3.510 (89.15)
↑ -235	70	3.400 (86.36)	3.520 (89.41)	3.610 (91.69)
↑ -236	72	3.500 (88.90)	3.620 (91.95)	3.710 (94.23)
↑ -237	74	3.600 (91.44)	3.720 (94.49)	3.810 (96.77)
↑ -238	76	3.700 (93.98)	3.820 (97.03)	3.910 (99.31)
↑ -239	78	3.800 (96.52)	3.920 (99.57)	4.010 (101.85)
91XX-40-240-01	80	3.900 (99.06)	4.020 (102.11)	4.110 (104.39)

.100" (2.54mm) Dual Row, Through Hole, Right Angle, Polarizing Shrouded Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-41-2XX-01

NUMBER OF POSITIONS
(SEE TABLE)

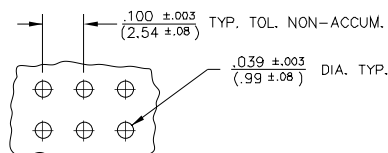
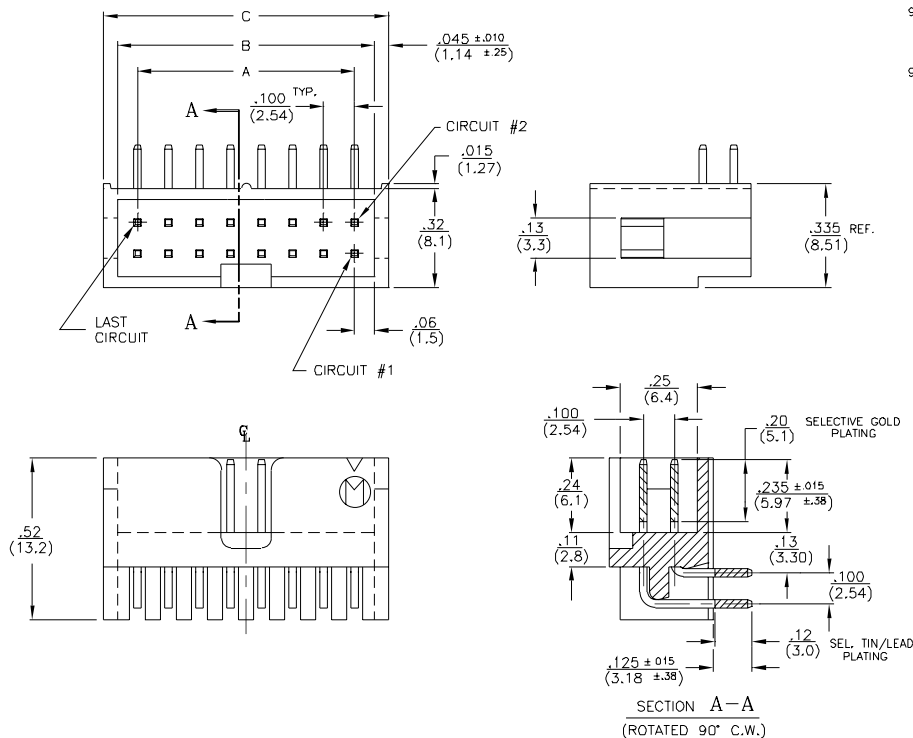
PIN PLATING
(SEE NOTE 3)

INSULATOR MATERIAL
(SEE NOTE 2)

MATING CONNECTORS: 9000 SERIES & 9300-6XX/7XX SERIES

NOTES:

- ALL DIMENSIONS ARE IN IN./ (MM.)
- INSULATOR MATERIAL : 9100-40-2XX-01; POLYESTER (PBT), 30% GLASS FILLED, UL94V-0
9110-40-2XX-01; POLYESTER (PCT), 30% GLASS FILLED, UL94V-0
- PIN MATERIAL : PHOSPHOR BRONZE.
- PIN FINISH :
9100 - TIN/LEAD OVER NICKEL PLATE.
9108 - .000050 NICKEL PLATE ALL OVER;
.000030 SELECTIVE GOLD IN MATING AREA, .0001-.0002 SEL. TIN/LEAD ON SOLDER TAIL.
910F - .000050 NICKEL PLATE ALL OVER;
.000015 SELECTIVE GOLD IN MATING AREA, .0001-.0002 SEL. TIN/LEAD ON SOLDER TAIL.



PART NO.	No. OF CIRCUITS	A ± .005 (±.13)	B ±.010 (±.25)	C ±.010 (±.25)
910X-41-202-01	4	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -203- ↑	6	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -204- ↑	8	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -205- ↑	10	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -206- ↑	12	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -207- ↑	14	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -208- ↑	16	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -209- ↑	18	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -210- ↑	20	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -211- ↑	22	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -212- ↑	24	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -213- ↑	26	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -214- ↑	28	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -215- ↑	30	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -216- ↑	32	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -217- ↑	34	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -218- ↑	36	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -219- ↑	38	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -220- ↑	40	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -221- ↑	42	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -222- ↑	44	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -223- ↑	46	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -224- ↑	48	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -225- ↑	50	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -226- ↑	52	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -227- ↑	54	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -228- ↑	56	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -229- ↑	58	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -230- ↑	60	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -231- ↑	62	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -232- ↑	64	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -233- ↑	66	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -234- ↑	68	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -235- ↑	70	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -236- ↑	72	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -237- ↑	74	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -238- ↑	76	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -239- ↑	78	.100 (2.54)	.220 (5.59)	.410 (7.87)
910X-41-240-01	80	.100 (2.54)	.220 (5.59)	.410 (7.87)



North and South America:

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+353 (0) 61 401222 • Fax: +353 (0) 61 401942

Email: info@methode.ie • Web: ireland.methode.com/main.html

Far East:

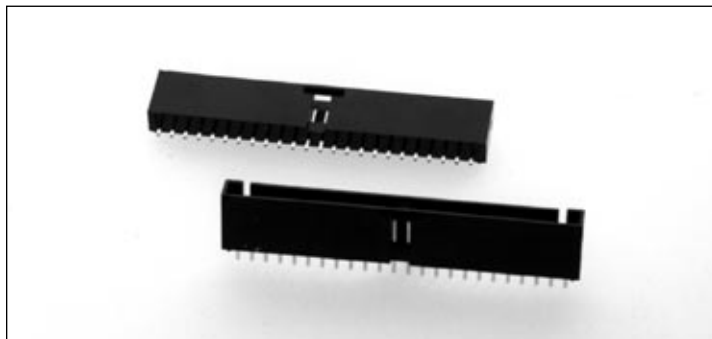
Methode Electronics Far East, Pte. Ltd.

1 Tuas Lane, Jurong Town • Singapore 638610

65-68615444 • Fax: 65-68614777

Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html

.100" (2.54mm) Single Row, Through Hole, Vertical Shrouded Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

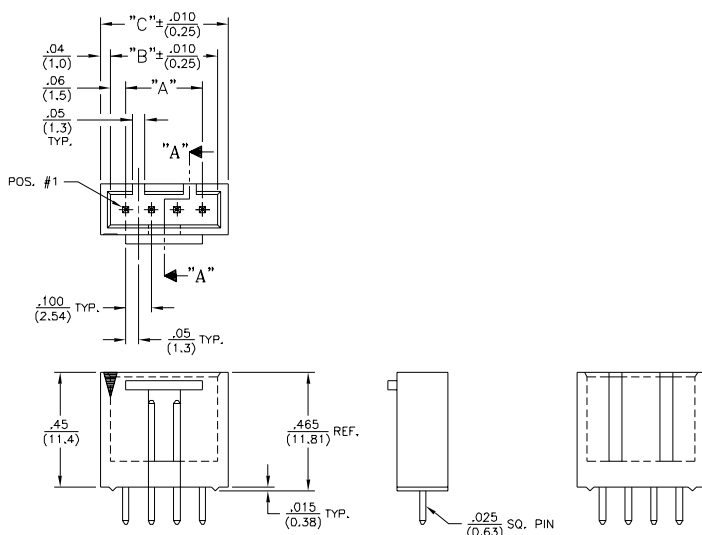
91XX-6-1XX-01

NUMBER OF POSITIONS
(SEE TABLE)

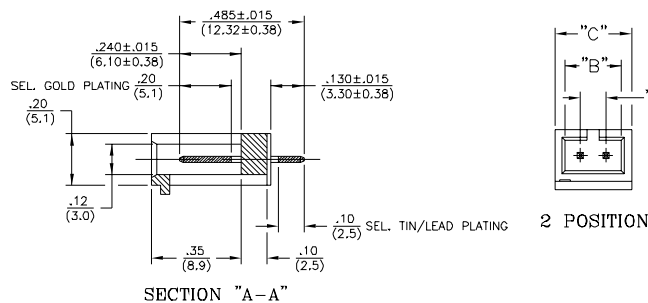
PIN PLATING
(SEE NOTE 4)

INSULATOR MATERIAL
(SEE NOTE 2)

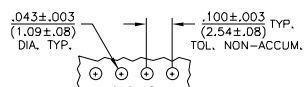
MATING CONNECTORS: 9300 SERIES RECEPTACLES



4 THRU 40 POSITION



SECTION "A-A"



RECOMMENDED P.C. BOARD LAYOUT

NOTES:

- ALL DIMENSIONS ARE SHOWN AS INCHES/(MM).
- INSULATOR MATERIAL = 910X - POLYESTER (PBT); 30% GLASS FILLED; UL 94V-0
911X - POLYESTER (PCT); 30% GLASS FILLED; UL 94V-0;
- PIN MATERIAL = PHOSPHOR BRONZE.
- PIN FINISH =
9100 - TIN OVER NICKEL PLATE;
9100 - SEL. GOLD PLATE (.000030) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE OVERALL;
9100 - SEL. GOLD PLATE (.000015) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE OVERALL;

No. OF POS.	PART No.	DIM "A"	DIM "B"	DIM "C"
2	910X-6-102-01	.100/(2.54)	.220/(5.59)	.300/(7.62)
3	103	.200/(5.08)	.320/(8.13)	.400/(10.16)
4	104	.300/(7.62)	.420/(10.67)	.500/(12.70)
5	105	.400/(10.16)	.520/(13.21)	.600/(15.24)
6	106	.500/(12.70)	.620/(15.75)	.700/(17.78)
7	107	.600/(15.24)	.720/(18.29)	.800/(20.32)
8	108	.700/(17.78)	.820/(20.83)	.900/(22.86)
9	109	.800/(20.32)	.920/(23.37)	1.000/(25.40)
10	110	.900/(22.86)	1.020/(25.91)	1.100/(27.94)
11	111	1.000/(25.40)	1.120/(28.45)	1.200/(30.48)
12	112	1.100/(27.94)	1.220/(30.99)	1.300/(33.02)
13	113	1.200/(30.48)	1.320/(33.53)	1.400/(35.56)
14	114	1.300/(33.02)	1.420/(36.07)	1.500/(38.10)
15	115	1.400/(35.56)	1.520/(38.61)	1.600/(40.64)
16	116	1.500/(38.10)	1.620/(41.15)	1.700/(43.18)
17	117	1.600/(40.64)	1.720/(43.69)	1.800/(45.72)
18	118	1.700/(43.18)	1.820/(46.23)	1.900/(48.26)
19	119	1.800/(45.72)	1.920/(48.77)	2.000/(50.80)
20	120	1.900/(48.26)	2.020/(51.31)	2.100/(53.34)
21	121	2.000/(50.80)	2.120/(53.85)	2.200/(56.38)
22	122	2.100/(53.34)	2.220/(56.39)	2.300/(58.42)
23	123	2.200/(55.88)	2.320/(58.93)	2.400/(60.96)
24	124	2.300/(58.42)	2.420/(61.47)	2.500/(63.50)
25	125	2.400/(60.96)	2.520/(64.01)	2.600/(66.04)
26	126	2.500/(63.50)	2.620/(66.55)	2.700/(68.58)
27	127	2.600/(66.04)	2.720/(69.09)	2.800/(71.12)
28	128	2.700/(68.58)	2.820/(71.63)	2.900/(73.66)
29	129	2.800/(71.12)	2.920/(74.17)	3.000/(76.20)
30	130	2.900/(73.66)	3.020/(76.71)	3.100/(78.74)
31	131	3.000/(76.20)	3.120/(79.25)	3.200/(81.28)
32	132	3.100/(78.74)	3.220/(81.79)	3.300/(83.82)
33	133	3.200/(81.28)	3.320/(84.33)	3.400/(86.36)
34	134	3.300/(83.82)	3.420/(86.87)	3.500/(88.90)
35	135	3.400/(86.36)	3.520/(89.41)	3.600/(91.44)
36	136	3.500/(88.90)	3.620/(91.95)	3.700/(93.98)
37	137	3.600/(91.44)	3.720/(94.49)	3.800/(96.52)
38	138	3.700/(93.98)	3.820/(97.03)	3.900/(99.06)
39	139	3.800/(96.52)	3.920/(99.57)	4.000/(101.60)
40	910X-6-140-01	3.900/(99.06)	4.020/(102.11)	4.100/(104.14)



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Far East:

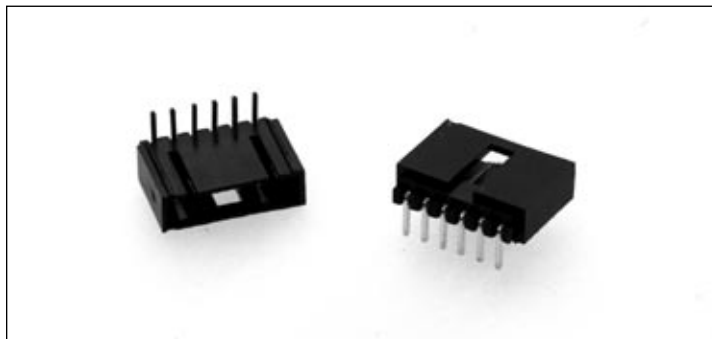
Methode Electronics Far East, Pte. Ltd.

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65-68615444 • Fax: 65-68614777

Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html

.100" (2.54mm) Single Row, Through Hole, Right Angle Shrouded Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-7-1XX-01

NUMBER OF POSITIONS
(SEE TABLE)

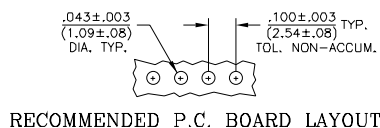
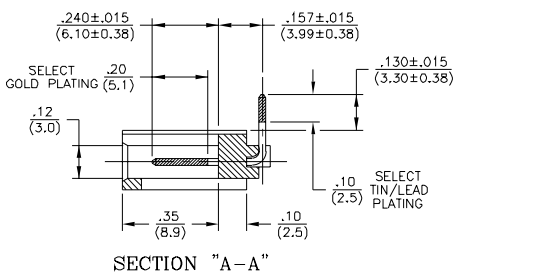
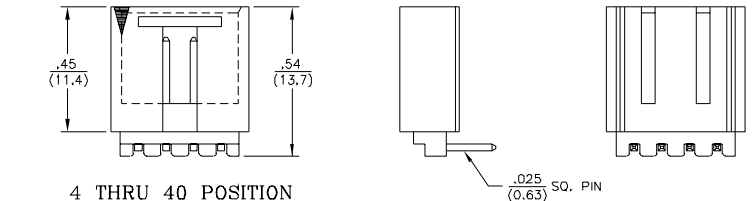
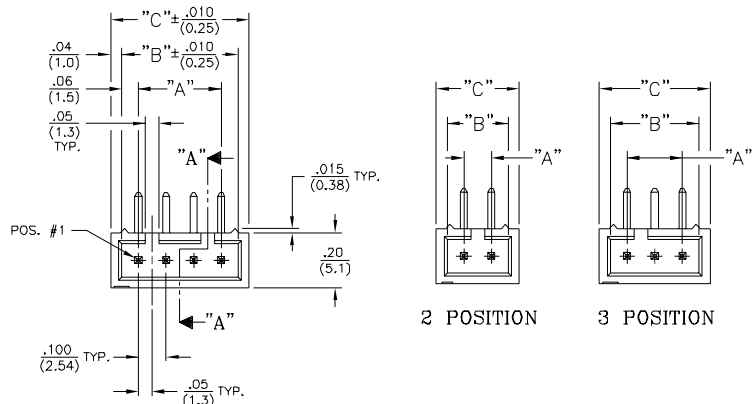
PIN PLATING
(SEE NOTE 4)

INSULATOR MATERIAL
(SEE NOTE 2)

MATING CONNECTORS: 9300 SERIES RECEPTACLES

NOTES:

- 1) ALL DIMENSIONS ARE SHOWN AS INCHES/(MM).
- 2) INSULATOR MATERIAL = 9100-7-2XX-01: POLYESTER (PBT), 30% GLASS FILLED, UL94V-0
9110-7-2XX-01: POLYESTER (PCT), 30% GLASS FILLED, UL94V-0
- 3) PIN MATERIAL = PHOSPHOR BRONZE.
- 4) PIN FINISH =
9100 - TIN OVER NICKEL PLATE;
9108 - SEL. GOLD PLATE (.000030) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE OVERALL;
910E - SEL. GOLD PLATE (.000015) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE OVERALL;



No. OF POS.	PART No.	DIM "A"	DIM "B"	DIM "C"
2	910X-7-102-01	.100/(2.54)	.220/(5.59)	.300/(7.62)
3	103	.200/(5.08)	.320/(8.13)	.400/(10.16)
4	104	.300/(7.62)	.420/(10.67)	.500/(12.70)
5	105	.400/(10.16)	.520/(13.21)	.600/(15.24)
6	106	.500/(12.70)	.620/(15.75)	.700/(17.78)
7	107	.600/(15.24)	.720/(18.29)	.800/(20.32)
8	108	.700/(17.78)	.820/(20.83)	.900/(22.86)
9	109	.800/(20.32)	.920/(23.37)	1.000/(25.40)
10	110	.900/(22.86)	1.020/(25.91)	1.100/(27.94)
11	111	1.000/(25.40)	1.120/(28.45)	1.200/(30.48)
12	112	1.100/(27.94)	1.220/(30.99)	1.300/(33.02)
13	113	1.200/(30.48)	1.320/(33.53)	1.400/(35.56)
14	114	1.300/(33.02)	1.420/(36.07)	1.500/(38.10)
15	115	1.400/(35.56)	1.520/(38.61)	1.600/(40.64)
16	116	1.500/(38.10)	1.620/(41.15)	1.700/(43.18)
17	117	1.600/(40.64)	1.720/(43.69)	1.800/(45.72)
18	118	1.700/(43.18)	1.820/(46.23)	1.900/(48.26)
19	119	1.800/(45.72)	1.920/(48.77)	2.000/(50.80)
20	120	1.900/(48.26)	2.020/(51.31)	2.100/(53.34)
21	121	2.000/(50.80)	2.120/(53.85)	2.200/(55.88)
22	122	2.100/(53.34)	2.220/(56.39)	2.300/(58.42)
23	123	2.200/(55.88)	2.320/(58.93)	2.400/(60.96)
24	124	2.300/(58.42)	2.420/(61.47)	2.500/(63.50)
25	125	2.400/(60.96)	2.520/(64.01)	2.600/(66.04)
26	126	2.500/(63.50)	2.620/(66.55)	2.700/(68.58)
27	127	2.600/(66.04)	2.720/(69.09)	2.800/(71.12)
28	128	2.700/(68.58)	2.820/(71.63)	2.900/(73.66)
29	129	2.800/(71.12)	2.920/(74.17)	3.000/(76.20)
30	130	2.900/(73.66)	3.020/(76.71)	3.100/(78.74)
31	131	3.000/(76.20)	3.120/(79.25)	3.200/(81.28)
32	132	3.100/(78.74)	3.220/(81.79)	3.300/(83.82)
33	133	3.200/(81.28)	3.320/(84.33)	3.400/(86.36)
34	134	3.300/(83.82)	3.420/(86.87)	3.500/(88.90)
35	135	3.400/(86.36)	3.520/(89.41)	3.600/(91.44)
36	136	3.500/(88.90)	3.620/(91.95)	3.700/(93.98)
37	137	3.600/(91.44)	3.720/(94.49)	3.800/(96.52)
38	138	3.700/(93.98)	3.820/(97.03)	3.900/(99.06)
39	139	3.800/(96.52)	3.920/(99.57)	4.000/(101.60)
40	910X-7-140-01	3.900/(99.06)	4.020/(102.11)	4.100/(104.14)



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Far East:

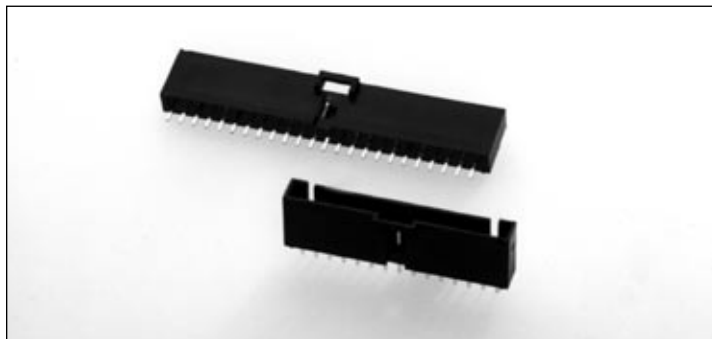
Methode Electronics Far East, Pte. Ltd.

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.100" (2.54mm) Single Row, Through Hole, Vertical Shrouded Header with Latch



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

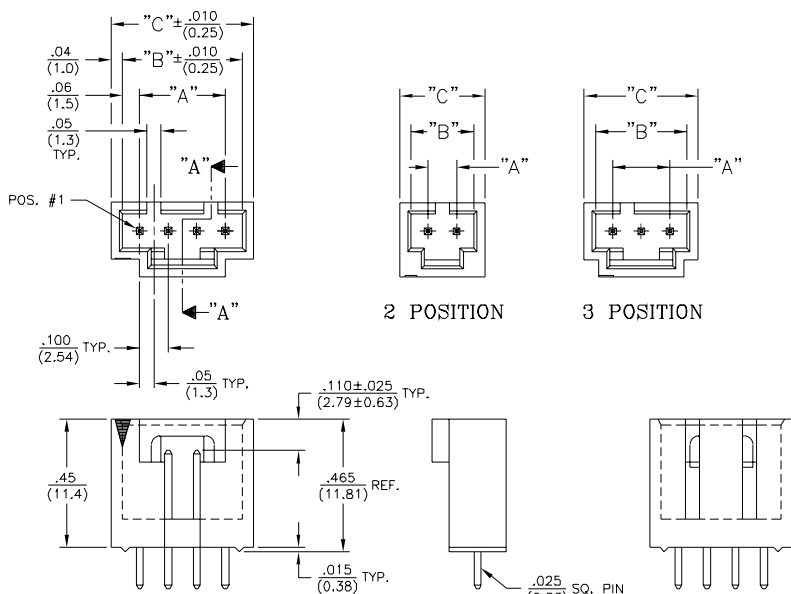
91XX-8-1XX-0X

- PIN NUMBER**
(SEE TABLE II)
- NUMBER OF POSITIONS**
(SEE TABLE I)
- PIN PLATING**
(SEE NOTE 4)
- INSULATOR MATERIAL**
(SEE NOTE 2)

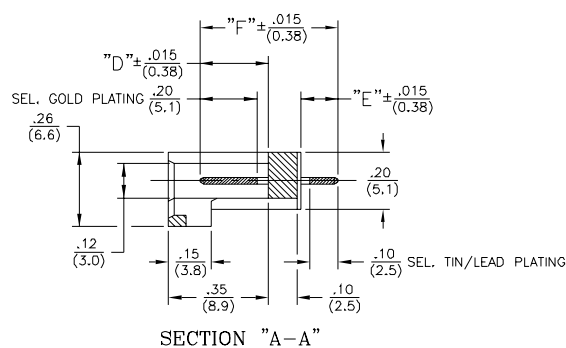
MATING CONNECTORS: 9300 SERIES RECEPTACLES

NOTES:

- 1) ALL DIMENSIONS ARE SHOWN AS INCHES/(MM).
- 2) INSULATOR MATERIAL = 9100-8-2XX-01; POLYESTER (PBT), 30% GLASS FILLED, UL94V-0
9110-8-2XX-01; POLYESTER (PCT), 30% GLASS FILLED, UL94V-0
- 3) PIN MATERIAL = PHOSPHOR BRONZE.
- 4) PIN FINISH =
9100 - TIN OVER NICKEL PLATE;
9108 - SEL. GOLD PLATE (.000030) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE OVERALL;
910E - SEL. GOLD PLATE (.000015) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE OVERALL;



4 THRU 40 POSITION



SECTION "A-A"

RECOMMENDED P.C. BOARD LAYOUT

TABLE II			
PART No.	DIM "D"	DIM "E"	DIM "F"
910X-8-1XX-01	.240/(6.10)	.130/(3.30)	.485/(12.32)
910X-8-1XX-02	.240/(6.10)	.205/(5.21)	.560/(14.22)

TABLE I				
No. OF POS.	PART No.	DIM "A"	DIM "B"	DIM "C"
2	910X-8-102-XX	.100/(2.54)	.220/(5.59)	.300/(7.62)
3	103	.200/(5.08)	.320/(8.13)	.400/(10.16)
4	104	.300/(7.62)	.420/(10.67)	.500/(12.70)
5	105	.400/(10.16)	.520/(13.21)	.600/(15.24)
6	106	.500/(12.70)	.620/(15.75)	.700/(17.78)
7	107	.600/(15.24)	.720/(18.29)	.800/(20.32)
8	108	.700/(17.78)	.820/(20.83)	.900/(22.86)
9	109	.800/(20.32)	.920/(23.37)	1.000/(25.40)
10	110	.900/(22.86)	1.020/(25.91)	1.100/(27.94)
11	111	1.000/(25.40)	1.120/(28.45)	1.200/(30.48)
12	112	1.100/(27.94)	1.220/(30.99)	1.300/(33.02)
13	113	1.200/(30.48)	1.320/(33.53)	1.400/(35.56)
14	114	1.300/(33.02)	1.420/(36.07)	1.500/(38.10)
15	115	1.400/(35.56)	1.520/(38.61)	1.600/(40.64)
16	116	1.500/(38.10)	1.620/(41.15)	1.700/(43.18)
17	117	1.600/(40.64)	1.720/(43.69)	1.800/(45.72)
18	118	1.700/(43.18)	1.820/(46.23)	1.900/(48.26)
19	119	1.800/(45.72)	1.920/(48.77)	2.000/(50.80)
20	120	1.900/(48.26)	2.020/(51.31)	2.100/(53.34)
21	121	2.000/(50.80)	2.120/(53.85)	2.200/(55.88)
22	122	2.100/(53.34)	2.220/(56.39)	2.300/(58.42)
23	123	2.200/(55.88)	2.320/(58.93)	2.400/(60.96)
24	124	2.300/(58.42)	2.420/(61.47)	2.500/(63.50)
25	125	2.400/(60.96)	2.520/(64.01)	2.600/(66.04)
26	126	2.500/(63.50)	2.620/(66.55)	2.700/(68.58)
27	127	2.600/(66.04)	2.720/(69.09)	2.800/(71.12)
28	128	2.700/(68.58)	2.820/(71.63)	2.900/(73.66)
29	129	2.800/(71.12)	2.920/(74.17)	3.000/(76.20)
30	130	2.900/(73.66)	3.020/(76.71)	3.100/(78.74)
31	131	3.000/(76.20)	3.120/(79.25)	3.200/(81.28)
32	132	3.100/(78.74)	3.220/(81.79)	3.300/(83.82)
33	133	3.200/(81.28)	3.320/(84.33)	3.400/(86.36)
34	134	3.300/(83.82)	3.420/(86.87)	3.500/(88.90)
35	135	3.400/(86.36)	3.520/(89.41)	3.600/(91.44)
36	136	3.500/(88.90)	3.620/(91.95)	3.700/(93.98)
37	137	3.600/(91.44)	3.720/(94.49)	3.800/(96.52)
38	138	3.700/(93.98)	3.820/(97.03)	3.900/(99.06)
39	139	3.800/(96.52)	3.920/(99.57)	4.000/(101.60)
40	910X-8-140-XX	3.900/(99.06)	4.020/(102.11)	4.100/(104.14)



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Far East:

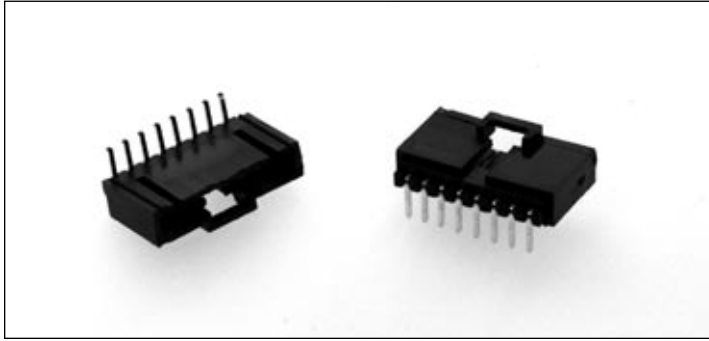
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.100" (2.54mm) Single Row, Through Hole, Right Angle Shrouded Header with Latch



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

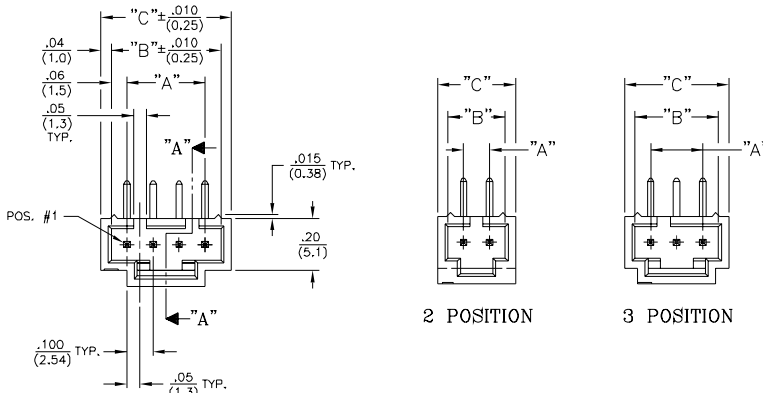
91XX-9-1XX-0X

- PIN NUMBER**
(SEE TABLE II)
- NUMBER OF POSITIONS**
(SEE TABLE I)
- PIN PLATING**
(SEE NOTE 4)
- INSULATOR MATERIAL**
(SEE NOTE 2)

MATING CONNECTORS: 9300 SERIES RECEPTACLES

NOTES:

- 1) ALL DIMENSIONS ARE SHOWN AS INCHES/(MM).
- 2) INSULATOR MATERIAL =
9100-9-2XX-01: POLYESTER (PBT), 30% GLASS FILLED, UL94V-0
9110-9-2XX-01: POLYESTER (PCT), 30% GLASS FILLED, UL94V-0
- 3) PIN MATERIAL = PHOSPHOR BRONZE.
- 4) PIN FINISH =
9100 - TIN OVER NICKEL PLATE;
9108 - SEL. GOLD PLATE (.000030) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE OVERALL;
910E - SEL. GOLD PLATE (.000015) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE OVERALL;



4 THRU 40 POSITION

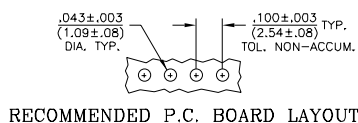
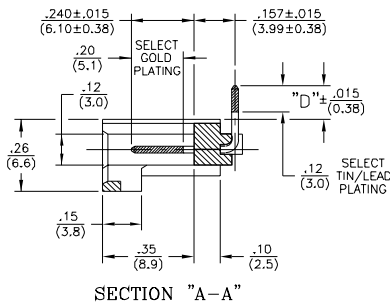
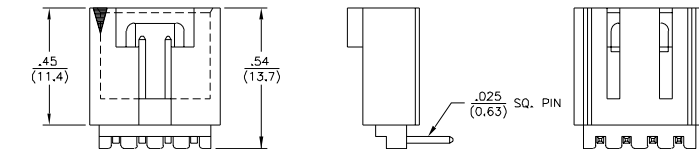


TABLE I				
No. OF POS.	PART No.	DIM "A"	DIM "B"	DIM "C"
2	910X-9-102-0X	.100/(2.54)	.220/(5.59)	.300/(7.62)
3	103	.200/(5.08)	.320/(8.13)	.400/(10.16)
4	104	.300/(7.62)	.420/(10.67)	.500/(12.70)
5	105	.400/(10.16)	.520/(13.21)	.600/(15.24)
6	106	.500/(12.70)	.620/(15.75)	.700/(17.78)
7	107	.600/(15.24)	.720/(18.29)	.800/(20.32)
8	108	.700/(17.78)	.820/(20.83)	.900/(22.86)
9	109	.800/(20.32)	.920/(23.37)	1.000/(25.40)
10	110	.900/(22.86)	1.020/(25.91)	1.100/(27.94)
11	111	1.000/(25.40)	1.120/(28.45)	1.200/(30.48)
12	112	1.100/(27.94)	1.220/(30.99)	1.300/(33.02)
13	113	1.200/(30.48)	1.320/(33.53)	1.400/(35.56)
14	114	1.300/(33.02)	1.420/(36.07)	1.500/(38.10)
15	115	1.400/(35.56)	1.520/(38.61)	1.600/(40.64)
16	116	1.500/(38.10)	1.620/(41.15)	1.700/(43.18)
17	117	1.600/(40.64)	1.720/(43.69)	1.800/(45.72)
18	118	1.700/(43.18)	1.820/(46.23)	1.900/(48.26)
19	119	1.800/(45.72)	1.920/(48.77)	2.000/(50.80)
20	120	1.900/(48.26)	2.020/(51.31)	2.100/(53.34)
21	121	2.000/(50.80)	2.120/(53.85)	2.200/(55.88)
22	122	2.100/(53.34)	2.220/(56.39)	2.300/(58.42)
23	123	2.200/(55.88)	2.320/(58.93)	2.400/(60.96)
24	124	2.300/(58.42)	2.420/(61.47)	2.500/(63.50)
25	125	2.400/(60.96)	2.520/(64.01)	2.600/(66.04)
26	126	2.500/(63.50)	2.620/(66.55)	2.700/(68.58)
27	127	2.600/(66.04)	2.720/(69.09)	2.800/(71.12)
28	128	2.700/(68.58)	2.820/(71.63)	2.900/(73.66)
29	129	2.800/(71.12)	2.920/(74.17)	3.000/(76.20)
30	130	2.900/(73.66)	3.020/(76.71)	3.100/(78.74)
31	131	3.000/(76.20)	3.120/(79.25)	3.200/(81.28)
32	132	3.100/(78.74)	3.220/(81.79)	3.300/(83.82)
33	133	3.200/(81.28)	3.320/(84.33)	3.400/(86.36)
34	134	3.300/(83.82)	3.420/(86.87)	3.500/(88.90)
35	135	3.400/(86.36)	3.520/(89.41)	3.600/(91.44)
36	136	3.500/(88.90)	3.620/(91.95)	3.700/(93.98)
37	137	3.600/(91.44)	3.720/(94.49)	3.800/(96.52)
38	138	3.700/(93.98)	3.820/(97.03)	3.900/(99.06)
39	139	3.800/(96.52)	3.920/(99.57)	4.000/(101.60)
40	910X-9-140-0X	3.900/(99.06)	4.020/(102.11)	4.100/(104.14)

TABLE II	
PART No.	DIM "D"
910X-9-1XX-01	.130/(3.30)
910X-9-1XX-02	.079/(2.00)
910X-9-1XX-03	.200/(5.08)



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