

NOTES :

1. MATERIAL:-

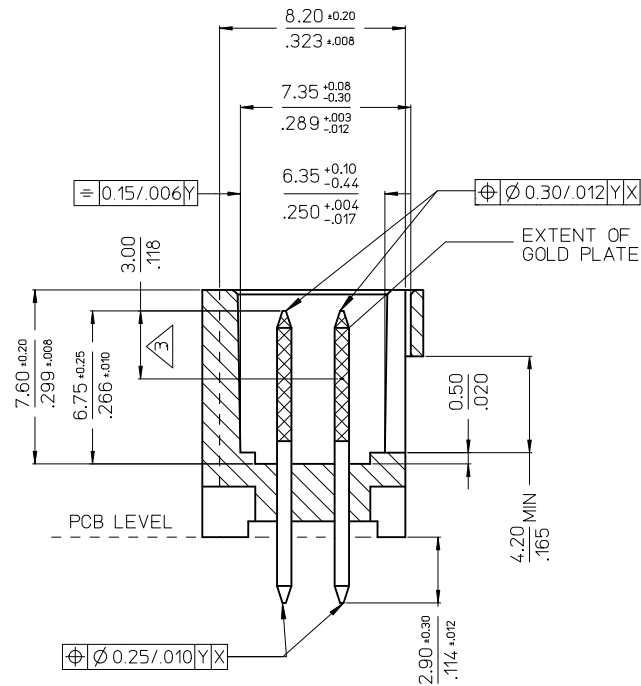
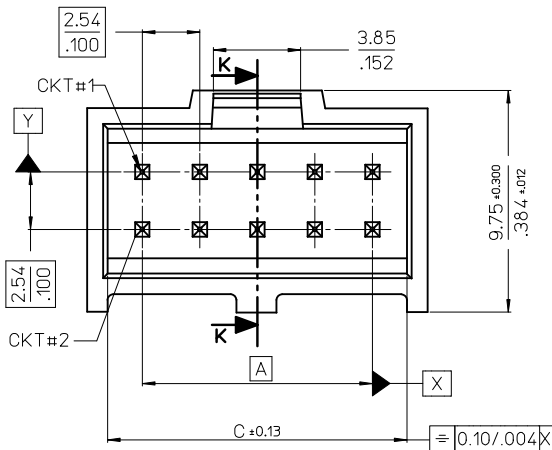
- PIN:- (0.65)/.0255 SQ. BRASS WIRE.
- HOUSING:- 15% GLASS FILLED POLYESTER
- UL 94 V-0 COLOUR BLACK

2. FOR PLATING VERSIONS AND VOID VERSIONS SEE SHEET 2.

3. MEASUREMENT POINT FOR MINIMUM PLATING THICKNESS.

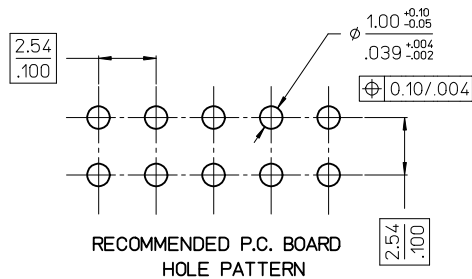
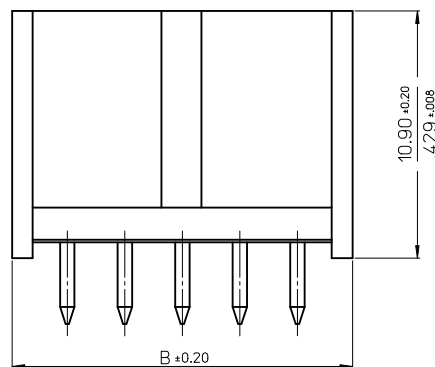
4. FOR PRODUCT SPEC SEE PS-99020-0001

5. RECOMMENDED PCB THICKNESS: 1.60mm



SECTION K-K

CKT	DIM A	DIM B	DIM C
6	(5.08)/.200	(9.96)/.392	(8.12)/.320
8	(7.62)/.300	(12.50)/.492	(10.66)/.420
10	(10.16)/.400	(15.04)/.592	(13.20)/.520
12	(12.70)/.500	(17.58)/.692	(15.74)/.620
14	(15.24)/.600	(20.12)/.792	(18.28)/.720
16	(17.78)/.700	(22.66)/.892	(20.82)/.820
18	(20.32)/.800	(25.20)/.992	(23.36)/.920
20	(22.86)/.900	(27.74)/.1092	(25.90)/.1020
22	(25.40)/.1000	(30.28)/.1192	(28.44)/.1120
24	(27.94)/.1100	(32.82)/.1292	(30.98)/.1220
26	(30.48)/.1200	(35.36)/.1392	(33.52)/.1320
28	(33.02)/.1300	(37.90)/.1492	(36.06)/.1420
30	(35.56)/.1400	(40.44)/.1592	(38.60)/.1520
32	(38.10)/.1500	(42.98)/.1692	(41.15)/.1620
34	(40.64)/.1600	(45.52)/.1792	(43.68)/.1720
36	(43.18)/.1700	(48.06)/.1892	(46.22)/.1820
38	(45.72)/.1800	(50.60)/.1992	(48.76)/.1920
40	(48.26)/.1900	(53.14)/.2092	(51.30)/.2020
42	(50.80)/.2000	(55.68)/.2192	(53.84)/.2120
44	(53.34)/.2100	(58.22)/.2292	(56.38)/.2220
46	(55.88)/.2200	(60.76)/.2392	(58.92)/.2320
48	(58.42)/.2300	(63.30)/.2492	(61.46)/.2420
50	(60.96)/.2400	(65.84)/.2592	(64.00)/.2520
52	(63.50)/.2500	(68.38)/.2692	(66.54)/.2620
54	(66.04)/.2600	(70.92)/.2792	(69.08)/.2720
56	(68.58)/.2700	(73.46)/.2892	(71.62)/.2820
58	(71.12)/.2800	(76.00)/.2992	(74.16)/.2920
60	(73.66)/.2900	(78.54)/.3092	(76.70)/.3020
62	(76.20)/.3000	(81.08)/.3192	(79.24)/.3120
64	(78.74)/.3100	(83.62)/.3292	(81.78)/.3220
66	(81.28)/.3200	(86.16)/.3392	(84.32)/.3320
68	(83.82)/.3300	(88.70)/.3492	(86.86)/.3420



RECOMMENDED P.C. BOARD
HOLE PATTERN

CHANGE DWG REVISION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
REV	DESCRIPTION	REV	DESCRIPTION	mm	INCH	MM/IN	DATE	NTS	INCH	INCH	INCH	DATE	DATE
CA1	EC NO: S2012-0132 DRWN:ATSEE CHKD:SKANG APPR:MLONG	F _A =0 F _E =0 F _P =0		4 PLACES ± --- ± --- 3 PLACES ± --- ± .004 2 PLACES ± 0.10 ± --- 1 PLACE ± --- ± ---		DRAWN BY KS	1988/08/23						
				ANGULAR ±1/2°		CHECKED BY ATSEE	2010/02/11						
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY MLONG	2010/02/19						
						MATERIAL NO.							
						SIZE A3							
						SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

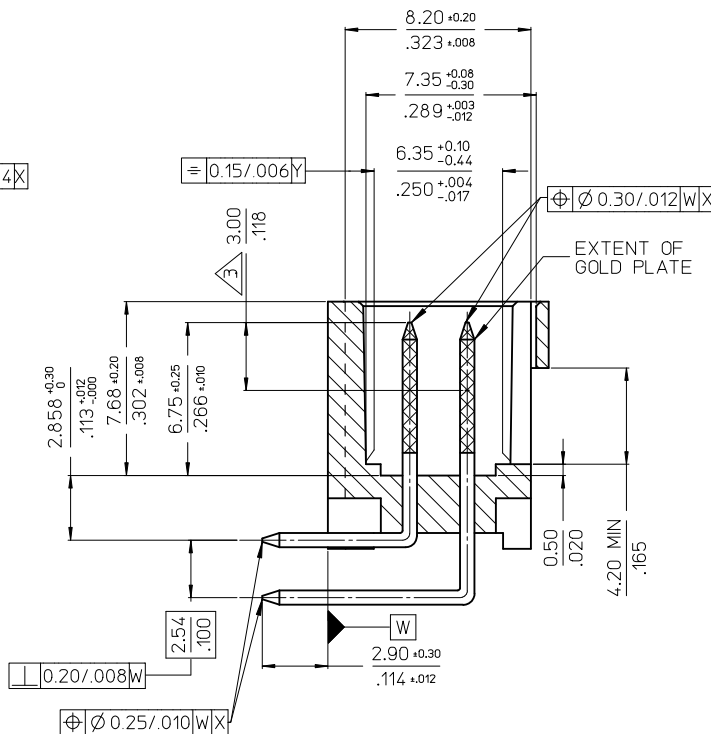
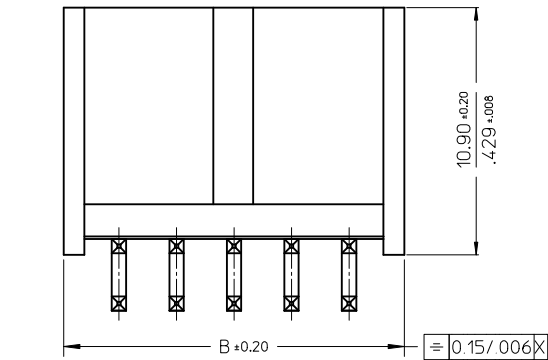
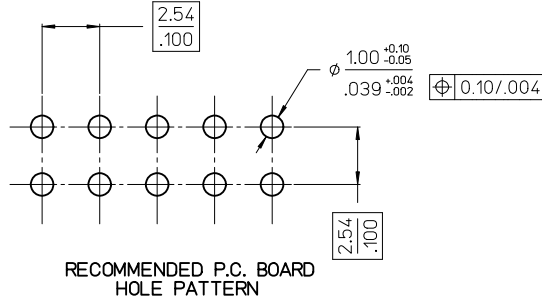
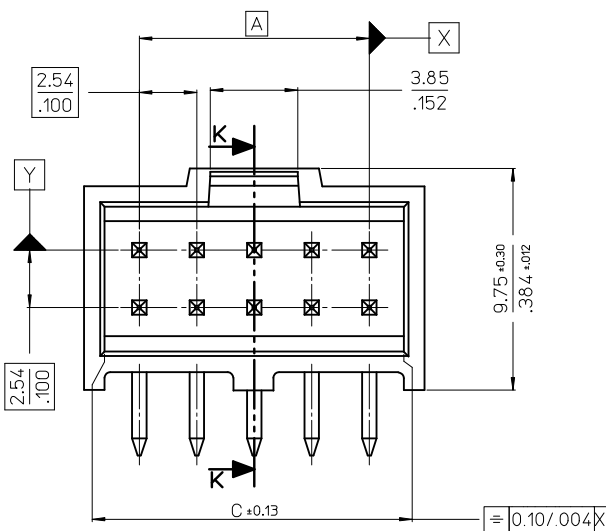
C-GRID III
DUAL ROW STRAIGHT
SHROUDED HEADER

MOLEX INCORPORATED

SDA-90130

SHEET NO.
1 OF 4

9	8	7	6	5	4	3	2	1
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CKT	DIM A	DIM B	DIM C
6	(5.08)/ .200	(9.96)/ .392	(8.12)/ .320
8	(7.62)/ .300	(12.50)/ .492	(10.66)/ .420
10	(10.16)/ .400	(15.04)/ .592	(13.20)/ .520
12	(12.70)/ .500	(17.58)/ .692	(15.74)/ .620
14	(15.24)/ .600	(20.12)/ .792	(18.28)/ .720
16	(17.78)/ .700	(22.66)/ .892	(20.82)/ .820
18	(20.32)/ .800	(25.20)/ .992	(23.36)/ .920
20	(22.86)/ .900	(27.74)/ 1.092	(25.90)/ 1.020
22	(25.40)/ 1.000	(30.28)/ 1.192	(28.44)/ 1.120
24	(27.94)/ 1.100	(32.82)/ 1.292	(30.98)/ 1.220
26	(30.48)/ 1.200	(35.36)/ 1.392	(33.52)/ 1.320
28	(33.02)/ 1.300	(37.90)/ 1.492	(36.06)/ 1.420
30	(35.56)/ 1.400	(40.44)/ 1.592	(38.60)/ 1.520
32	(38.10)/ 1.500	(42.98)/ 1.692	(41.15)/ 1.620
34	(40.64)/ 1.600	(45.52)/ 1.792	(43.68)/ 1.720
36	(43.18)/ 1.700	(48.06)/ 1.892	(46.22)/ 1.820
38	(45.72)/ 1.800	(50.60)/ 1.992	(48.76)/ 1.920
40	(48.26)/ 1.900	(53.14)/ 2.092	(51.30)/ 2.020
42	(50.80)/ 2.000	(55.68)/ 2.192	(53.84)/ 2.120
44	(53.34)/ 2.100	(58.22)/ 2.292	(56.38)/ 2.220
46	(55.88)/ 2.200	(60.76)/ 2.392	(58.92)/ 2.320
48	(58.42)/ 2.300	(63.30)/ 2.492	(61.46)/ 2.420
50	(60.96)/ 2.400	(65.84)/ 2.592	(64.00)/ 2.520
52	(63.50)/ 2.500	(68.38)/ 2.692	(66.54)/ 2.620
54	(66.04)/ 2.600	(70.92)/ 2.792	(69.08)/ 2.720
56	(68.58)/ 2.700	(73.46)/ 2.892	(71.62)/ 2.820
58	(71.12)/ 2.800	(76.00)/ 2.992	(74.16)/ 2.920
60	(73.66)/ 2.900	(78.54)/ 3.092	(76.70)/ 3.020
62	(76.20)/ 3.000	(81.08)/ 3.192	(79.24)/ 3.120
64	(78.74)/ 3.100	(83.62)/ 3.292	(81.78)/ 3.220
66	(81.28)/ 3.200	(86.16)/ 3.392	(84.32)/ 3.320
68	(83.82)/ 3.300	(88.70)/ 3.492	(86.86)/ 3.420

- NOTES :
- MATERIAL:-
- PIN:- (0.65)/.0255 SQ. BRASS WIRE.
- HOUSING:- 15% GLASS FILLED POLYESTER
- UL 94 V-0 COLOUR BLACK

2. FOR PLATING VERSIONS AND VOID VERSIONS
SEE SHEET 2.

3. MEASUREMENT POINT FOR MINIMUM PLATING THICKNESS.

4. FOR PRODUCT SPEC SEE PS-99020-0001

5. RECOMMENDED PCB THICKNESS: 1.60mm

SECTION K-K

CHANGE DWG REVISION EC NO: S2012-0132 DRW:ATSEE CHKD:SKANG APPR:MLONG CA1	2011/08/16 2011/08/18 2011/08/18	DESCRIPTION REV	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION 				
				mm INCH		DRAWN BY KS	DATE 1988/08/23	TITLE C-GRID III DUAL ROW STRAIGHT SHROUDED HEADER						
				4 PLACES ± --- ± ---		CHECKED BY ATSEE	DATE 2010/02/11							
				3 PLACES ± --- ± .004		APPROVED BY MLONG		DATE 2010/02/19	MOLEX INCORPORATED SDA-90130					
				2 PLACES ± 0.10 ± ---		MATERIAL NO. SEE TABLE		DOCUMENT NO.						
				1 PLACE ± --- ± ---		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
ANGULAR ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												

	10	9	8	7	6	5	4	3	2	1					
	VERSION FULLY LOADED														
F	NO OF CKTS	HSG CKT SIZE	PART NUMBER								F				
			PLATING TYPE A	PLATING TYPE E	PLATING TYPE F	PLATING TYPE G									
	6	6	90130-X106	90130-X206	90130-X306	90130-X406									
	8	8	X108	X208	X308	X408									
	10	10	X110	X210	X310	X410									
	12	12	X112	X212	X312	X412									
	14	14	X114	X214	X314	X414									
E	16	16	X116	X216	X316	X416					E				
	18	18	X118	X218	X318	X418									
	20	20	X120	X220	X320	X420									
	22	22	X122	X222	X322	X422									
	24	24	X124	X224	X324	X424									
	26	26	X126	X226	X326	X426									
D	28	28	X128	X228	X328	X428					D				
	30	30	X130	X230	X330	X430									
	32	32	X132	X232	X332	X432									
	34	34	X134	X234	X334	X434									
	36	36	X136	X236	X336	X436									
	38	38	X138	X238	X338	X438									
	40	40	X140	X240	X340	X440									
	42	42	X142	X242	X342	X442									
	44	44	X144	X244	X344	X444									
C	46	46	X146	X246	X346	X446					C				
	48	48	X148	X248	X348	X448									
	50	50	X150	X250	X350	X450									
	52	52	X152	X252	X352	X452									
	54	54	X154	X254	X354	X454									
	56	56	X156	X256	X356	X456									
B	58	58	X158	X258	X358	X458					B				
	60	60	X160	X260	X360	X460									
	62	62	X162	X262	X362	X462									
	64	64	X164	X264	X364	X464									
	66	66	X166	X266	X366	X466									
	68	68	90130-X168	90130-X268	90130-X368	90130-X468									
A	CHANGE DWG REVISION EC NO: S2012-0132 DRWN:ATSEE CHKD:SKANG APPR:MLONG				DESCRIPTION 2011/08/16 2011/08/18 2011/08/18	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		A
							mm INCH		DRAWN BY DATE KS 1988/08/23		TITLE C-GRID III DUAL ROW STRAIGHT SHROUDED HEADER				
							4 PLACES ± --- ± ---		CHECKED BY DATE ATSEE 2010/02/11		MOLEX MOLEX INCORPORATED		SHEET NO. 4 OF 4		
							3 PLACES ± --- ± .004		APPROVED BY DATE MLONG 2010/02/19		DOCUMENT NO. SDA-90130				
							2 PLACES ± 0.10 ± ---		MATERIAL NO. SEE TABLE						
							1 PLACE ± --- ± ---		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
							ANGULAR ± 1/2°								
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
tb_frame_A3_P_AM_T Rev. F 2009/06/18	9	8	7	6	5	4	3	2	1						