

NOTES :

1. MATERIAL:-

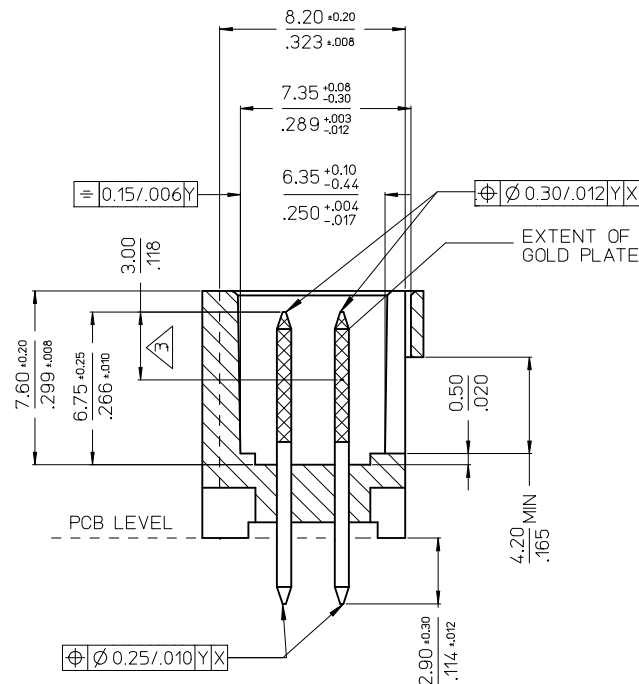
- PIN:- (0.65)/.0255 SQ. BRASS WIRE.
- HOUSING:- 15% GLASS FILLED POLYESTER
- UL 94 V-0 COLOUR BLACK

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

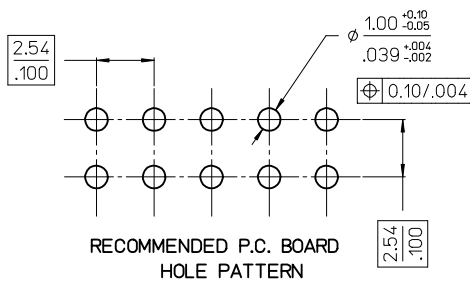
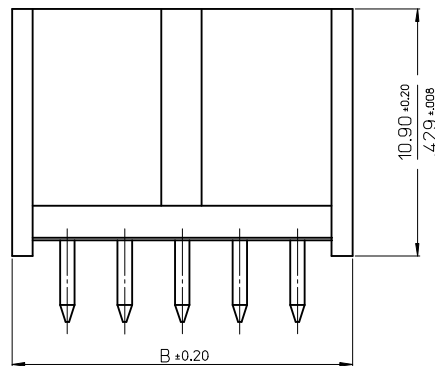
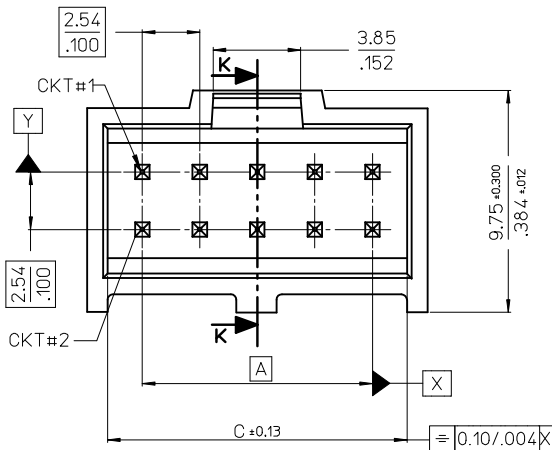
3. MEASUREMENT POINT FOR MINIMUM PLATING THICKNESS.

4. FOR PRODUCT SPEC SEE PS-99020-0001

5. RECOMMENDED PCB THICKNESS: 1.60mm



SECTION K-K

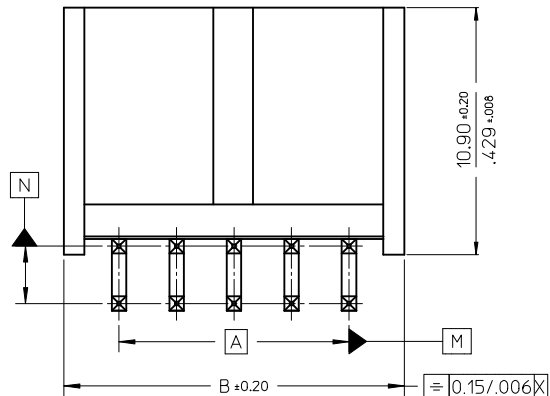
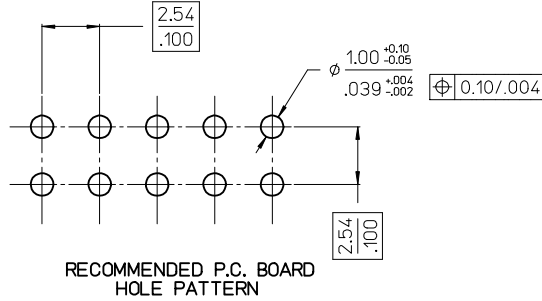
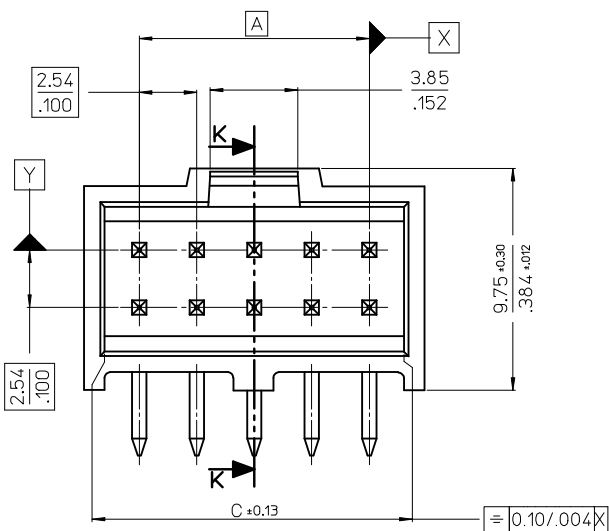


RECOMMENDED P.C. BOARD
HOLE PATTERN

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

ADD DATUMS		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO:	REV	DESCRIPTION	REV	mm	INCH	MM/IN	NTS	INCH	NTS	INCH	NTS	INCH	NTS
S2015-0152	CA2	DRWN:ATSEE		4 PLACES	± ---	± ---	DRAWN BY	DATE	KS	1988/08/23	TITLE	C-GRID III DUAL ROW STRAIGHT SHROUDED HEADER MOLEX INCORPORATED	
2014/08/18		CHKD:FANNYONG		3 PLACES	± ---	± .004	CHECKED BY	DATE	ATSEE	2010/02/11			
2014/08/19		APPR:LBLEE		2 PLACES	± 0.10	± ---	APPROVED BY	DATE	MLONG	2010/02/19			
				1 PLACE	± ---	± ---	MATERIAL NO.						
				ANGULAR ±1/2°		SEE TABLE		DOCUMENT NO.		SDA-90130		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						1 OF 4	

		10		9		8		7		6		5		4		3		2		1	
VERSION FULLY LOADED																					
F	NO OF CKTS	HSG CKT SIZE	PART NUMBER																		
			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															
	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															
	28	28	↑ X128	↑ X228	↑ X328	↑ X428															
	30	30	↑ X130	↑ X230	↑ X330	↑ X430															
	32	32	↑ X132	↑ X232	↑ X332	↑ X432															
D	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															
	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															
	58	58	↑ X158	↑ X258	↑ X358	↑ X458															
	60	60	↑ X160	↑ X260	↑ X360	↑ X460															
	62	62	↑ X162	↑ X262	↑ X362	↑ X462															
B	64	64	↑ X164	↑ X264	↑ X364	↑ X464															
	66	66	↓ X166	↓ X266	↓ X366	↓ X466															
	68	68	90130-X168	90130-X268	90130-X368	90130-X468															
A					ADD DATUMS EC NO: S2015-0152 DRWN:ATSEE 2014/08/18 CHKD:FANNYWONG 2014/08/18 APPR:BLEE 2014/08/19		QUALITY SYMBOLS F _A =0 F _E =0 F _F =0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .004 2 PLACES ± 0.10 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°		DIMENSION STYLE MM/IN DRAWN BY DATE KS 1988/08/23 CHECKED BY DATE ATSEE 2010/02/11 APPROVED BY DATE MLONG 2010/02/19		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
					CA2				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-90130		SHEET NO. 2 OF 4						
									SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										



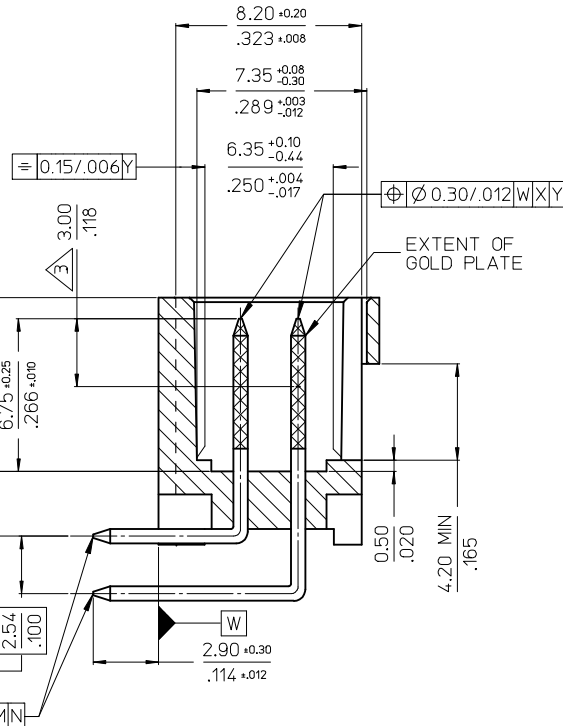
- NOTES :
1. MATERIAL:-
- PIN:- (0.65)/.0255 SQ. BRASS WIRE.
- HOUSING:- 15% GLASS FILLED POLYESTER
- UL 94 V-0 COLOUR BLACK

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

△ 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)/ 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
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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

ADD DATUMS EC NO: S2015-0152 DRWN:ATSEE CHK'D:FANNYONG APPR:LBLEE	2014/08/18 2014/08/18 2014/08/19	DESCRIPTION	QUALITY SYMBOLS F A =0 F G =0 F P =0	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 MOLEX INCORPORATED					
				4 PLACES	± ---	± ---	CHECKED BY ATSEE	DATE 2010/02/11						
				3 PLACES	± ---	± .004								
				2 PLACES	± 0.10	± ---	APPROVED BY MLONG	DATE 2010/02/19	DOCUMENT NO. SDA-90130					
				1 PLACE	± ---	± ---	ANGULAR ±1/2°		MATERIAL NO. SEE TABLE		SHEET NO. 3 OF 4			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

	10	9	8	7	6	5	4	3	2	1						
	VERSION FULLY LOADED															
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			PLATING TYPE A	PLATING TYPE E	PLATING TYPE F	PLATING TYPE G										
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	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										
	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										
	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										
	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										
	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					ADD DATUMS EC NO: S2015-0152 DRWN:ATSE CHKD:FANNYWONG APPR:LBLEE REV CA2		QUALITY SYMBOLS F=0 F=0 F=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .004 2 PLACES ± 0.10 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DIMENSION STYLE MM/IN DRAWN BY DATE KS 1988/08/23 CHECKED BY DATE ATSEE 2010/02/11 APPROVED BY DATE MLONG 2010/02/19 MATERIAL NO. SIZE A3		SCALE NTS DESIGN UNITS INCH THIRD ANGLE PROJECTION C-GRID III DUAL ROW STRAIGHT SHROUDED HEADER MOLEX INCORPORATED SDA-90130 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		TITLE DOCUMENT NO. SHEET NO. 4 OF 4	
	tb_frame_A3_P_AM_T Rev. F 2009/06/18				9	8	7	6	5	4	3	2	1			