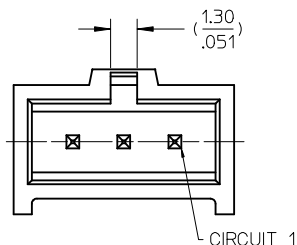
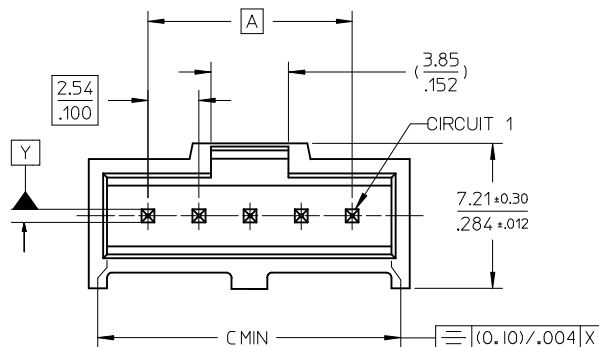


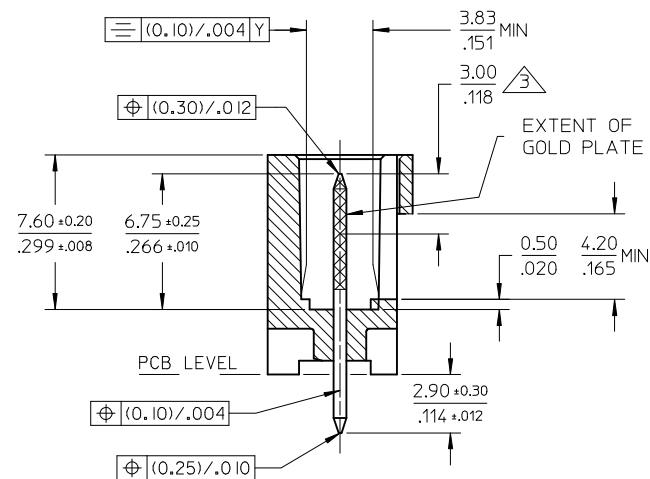
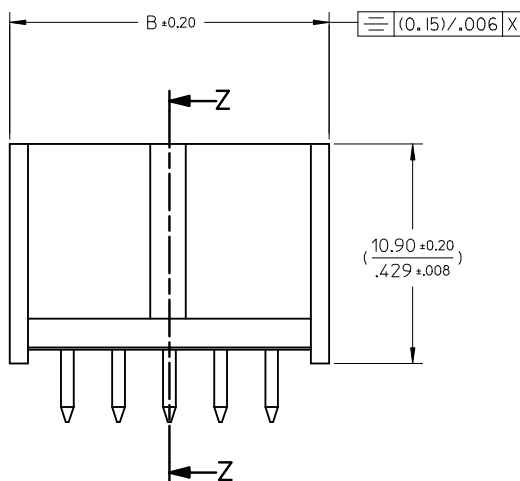
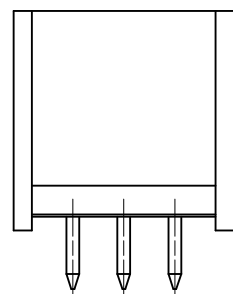
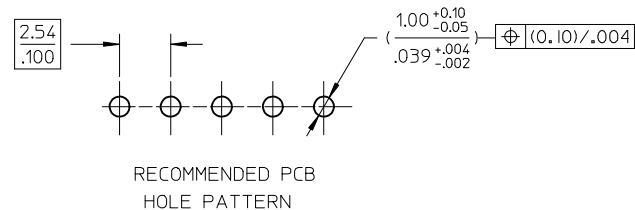
THROUGH HOLE VERSION (STRAIGHT ASSEMBLY)



1 TO 3 CIRCUITS



4 TO 32 CIRCUITS



NOTES :

1. MATERIALS :

- PIN : (0.650)/.0255 SQ. BRASS WIRE.
- HOUSING : 15% GLASS FILLED POLYESTER
- UL 94V-0 COLOR BLACK

2. FOR PLATING VERSIONS, SEE SHEET 2.

3. MEASUREMENT POINT FOR MINIMUM PLATING THICKNESS.

4. PRODUCT SPEC: PS-99020-0001

5. RECOMMENDED PCB THICKNESS 1.6mm

UPDATE DRAWING	EC NO: S2014-0925	2014/04/01
DRWN:ATSEE	2014/04/17	
CHKD:FANNYWONG	2014/04/10	
APPR:LBLEE		
REV	DESCRIPTION	REV

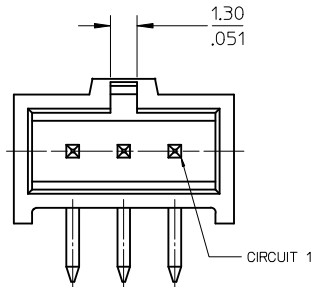
QUALITY SYMBOLS
F=0
F=0
F=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±.004
2 PLACES	±0.10	±---
1 PLACE	±---	±---
0 PLACE	±	±
ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

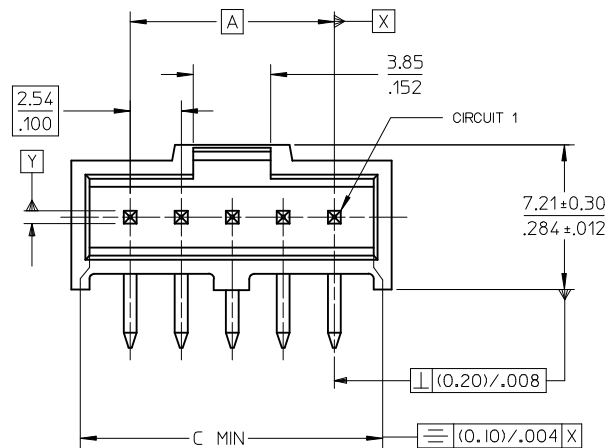
DIMENSION STYLE	
MM/IN	
DRAWN BY	DATE
KS	1987/10/30
CHECKED BY	DATE
BENRIGT	2002/08/15
APPROVED BY	DATE
MLONG	2011/04/15
MATERIAL NO.	
SEE TABLE	
SIZE	
A3	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	METRIC	
TITLE		
C-GRID III SINGLE ROW STRAIGHT SHROUDED HEADER		
molex		
DOCUMENT NO.		SHEET NO.
SDA-90136		1 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

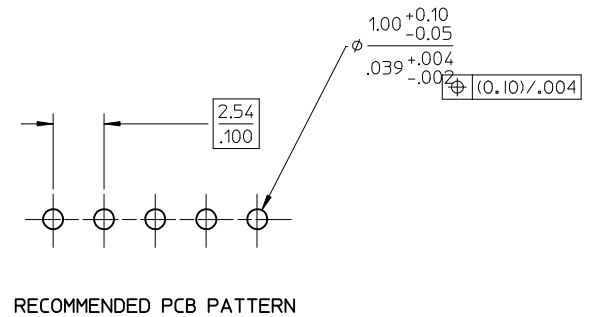
RIGHT ANGLE VERSION



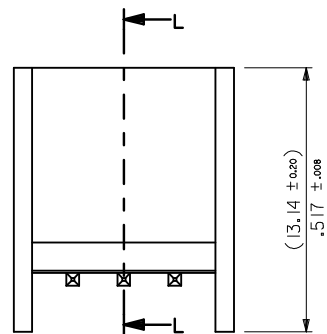
1 TO 3 CIRCUITS



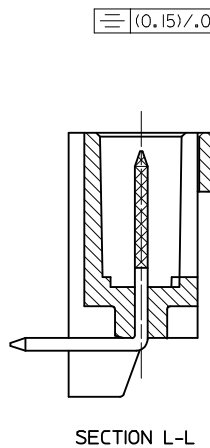
4 TO 32 CIRCUITS



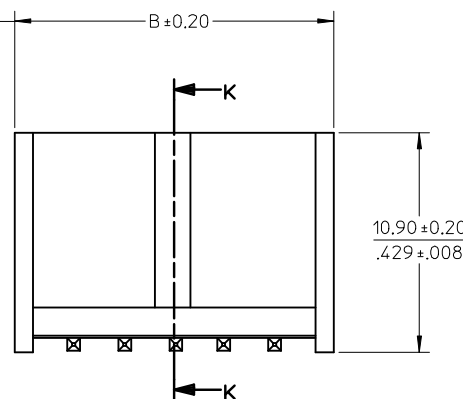
RECOMMENDED PCB PATTERN



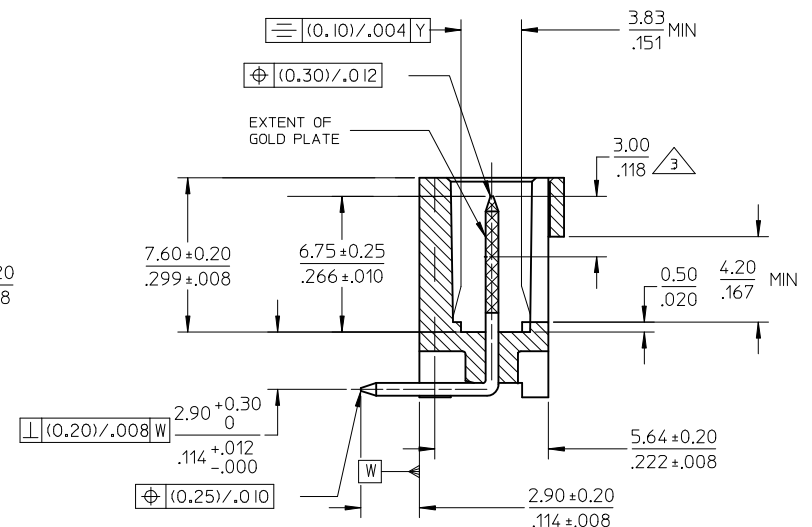
1 TO 6 CIRCUITS



SECTION L-L



7 TO 32 CIRCUITS



SECTION K-K

UPDATE DRAWING EC NO: S2014-0925 2014/04/01 DRWN:ATSEE 2014/04/17 CHKD:FANNYONG 2014/04/10 APPR:LBLEE		DESCRIPTION	QUALITY SYMBOLS F_A=0 F_C=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY DATE	TITLE					
AF		REV		4 PLACES	± ---	± ---	KS	1987/10/30	C-GRID III SINGLE ROW STRAIGHT SHROUDED HEADER			
				3 PLACES	± ---	± .004	CHECKED BY DATE					
				2 PLACES	± 0.10	± ---	BENRIGHT	2002/08/15				
				1 PLACE	± ---	± ---	APPROVED BY DATE		molex			
				0 PLACE	±	±	MLONG	2011/04/15				
				ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-90136		2 OF 3		
						SIZE A3		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		
	CKTS	ASSEMBLY P/N	DIM A	DIM B	DIM C	NOTES						
F	1	90136-**-01	-	(5.89)/.232	(4.06)/.160	6. FOR PLATING DETAILS SEE SDES 99000-0003						F
	2	90136-**-02	(2.54)/.100	(8.43)/.332	(6.60)/.260							
	3	90136-**-03	(5.08)/.200	(10.97)/.432	(9.14)/.360							
	4	90136-**-04	(7.62)/.300	(13.51)/.532	(11.68)/.460							
	5	90136-**-05	(10.16)/.400	(16.05)/.632	(14.22)/.560							
	6	90136-**-06	(12.70)/.500	(18.59)/.732	(16.76)/.660							
	7	90136-**-07	(15.24)/.600	(21.13)/.832	(19.30)/.760							
8	90136-**-08	(17.78)/.700	(23.67)/.932	(21.84)/.860								
9	90136-**-09	(20.32)/.800	(26.21)/1.032	(24.38)/.960								
10	90136-**-10	(22.86)/.900	(28.75)/1.132	(26.92)/1.060								
11	90136-**-11	(25.4)/1.000	(31.29)/1.232	(29.46)/1.160								
12	90136-**-12	(27.94)/1.100	(33.83)/1.332	(32.00)/1.260								
13	90136-**-13	(30.48)/1.200	(36.37)/1.432	(34.54)/1.360	7. PLATING TYPES						D	
14	90136-**-14	(33.02)/1.300	(38.91)/1.532	(37.08)/1.460								
15	90136-**-15	(35.56)/1.400	(41.45)/1.632	(39.62)/1.560								
16	90136-**-16	(38.10)/1.500	(43.99)/1.732	(42.16)/1.660								
17	90136-**-17	(40.64)/1.600	(46.53)/1.832	(44.70)/1.760								
18	90136-**-18	(43.18)/1.700	(49.07)/1.932	(47.24)/1.860								
19	90136-**-19	(45.72)/1.800	(51.61)/2.032	(49.78)/1.960								1 - TYPE A TIN 3.0µm MIN. OVER 1.27 - 2.54µm NICKEL.
20	90136-**-20	(48.26)/1.900	(54.15)/2.132	(52.32)/2.060								
21	90136-**-21	(50.80)/2.000	(56.69)/2.232	(54.86)/2.160								
22	90136-**-22	(53.34)/2.100	(59.23)/2.332	(57.40)/2.260								
23	90136-**-23	(55.88)/2.200	(61.77)/2.432	(59.94)/2.360								
24	90136-**-24	(58.42)/2.300	(64.31)/2.532	(62.48)/2.460								
25	90136-**-25	(60.96)/2.400	(66.85)/2.632	(65.02)/2.560	2 - TYPE E GOLD STRIPE 0.38 - 0.64µm IN SELECTED AREA (2 SIDES) & 3.0µm MIN TIN IN SELECTED AREA OVER 1.3 - 1.78µm NICKEL OVERALL.						B	
26	90136-**-26	(63.50)/2.500	(69.39)/2.732	(67.56)/2.660								
27	90136-**-27	(66.04)/2.600	(71.93)/2.832	(70.10)/2.760								
28	90136-**-28	(68.58)/2.700	(74.47)/2.932	(72.64)/2.860								
29	90136-**-29	(71.12)/2.800	(77.01)/3.032	(75.18)/2.960								
30	90136-**-30	(73.66)/2.900	(79.55)/3.132	(77.72)/3.060								
31	90136-**-31	(76.20)/3.000	(82.09)/3.232	(80.26)/3.160								3 - TYPE F GOLD STRIPE 0.762 - 1.02µm IN SELECTED AREA (2 SIDES) & 3.0µm MIN TIN IN SELECTED AREA OVER 1.3 - 1.78µm NICKEL OVERALL.
32	90136-**-32	(78.74)/3.100	(84.63)/3.332	(82.80)/3.260								
B											B	
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