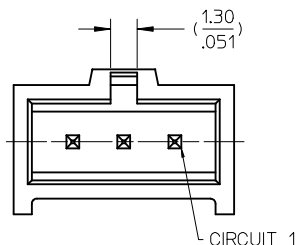
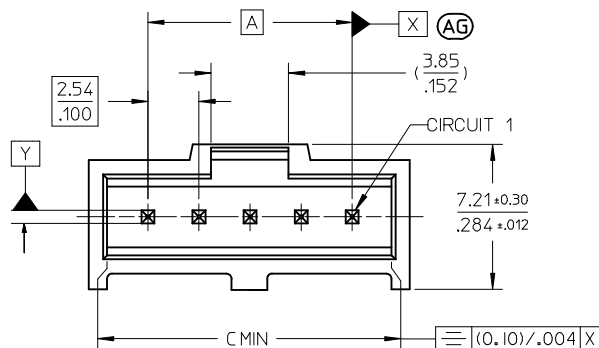


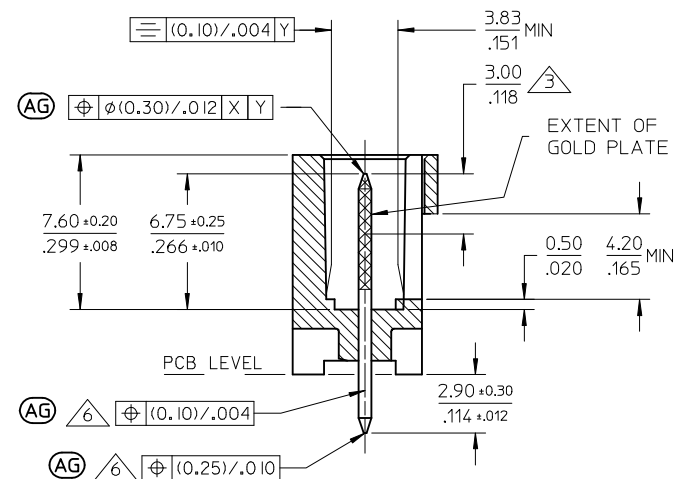
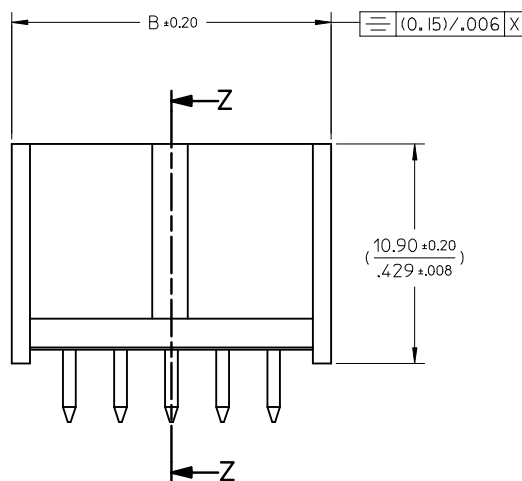
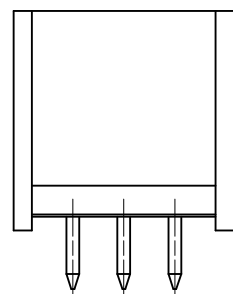
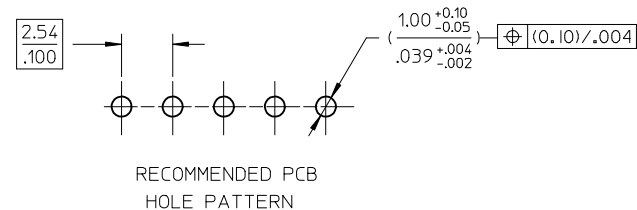
THROUGH HOLE VERSION (STRAIGHT ASSEMBLY)



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

6. SOLDER TAIL TO BE GAUGED.

UPDATE DRAWING		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO.	DATE	DRWN	CHKD	APPD	REV	mm	INCH	NTS	METRIC	METRIC	METRIC	PROJECTION	PROJECTION
S2016-0416	2015/10/30	CGOH	DEANG	KHLIM		±---	±---	KS	1987/10/30				
						±---	±.004						
						±0.10	±---						
						±---	±---						
						±	±						
						ANGULAR ±1/2°							
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
						SEE TABLE							
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

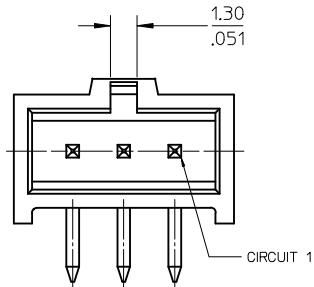
C-GRID III SINGLE ROW
STRAIGHT SHROUDED
HEADER

molex

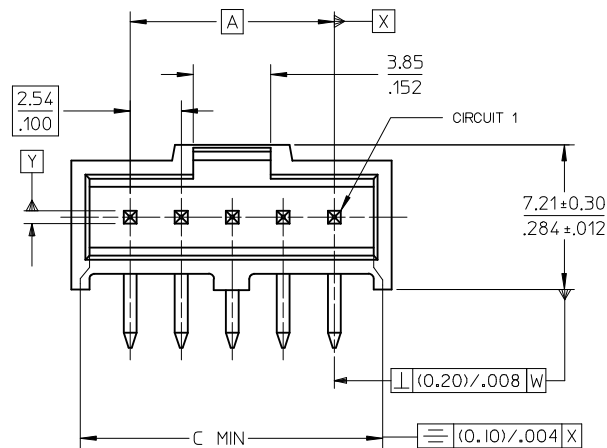
SDA-90136

SHEET NO.
1 OF 3

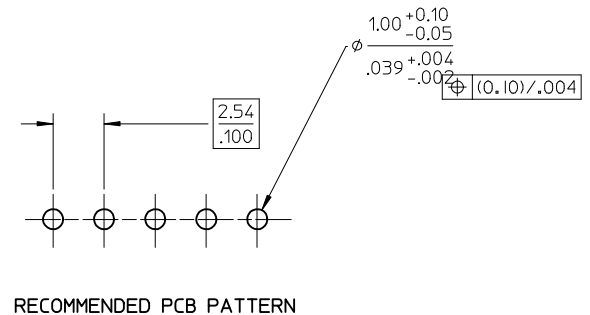
RIGHT ANGLE VERSION



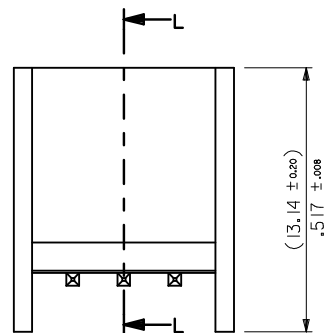
1 TO 3 CIRCUITS



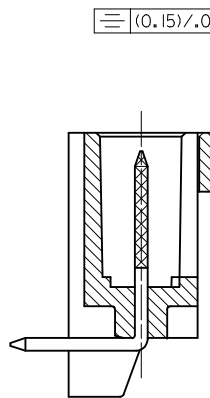
4 TO 32 CIRCUITS



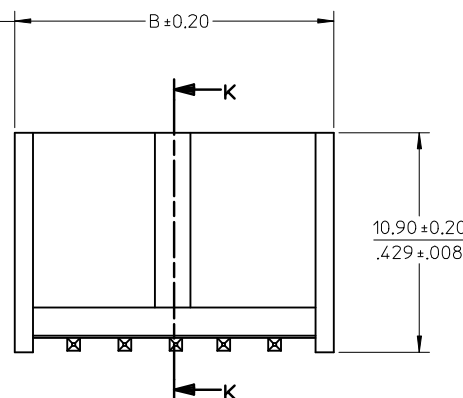
RECOMMENDED PCB PATTERN



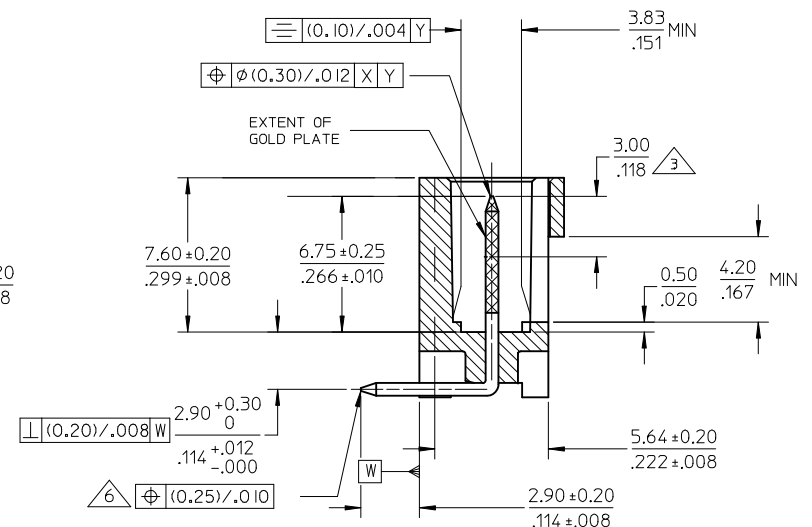
1 TO 6 CIRCUITS



SECTION L-L



7 TO 32 CIRCUITS



SECTION K-K

UPDATE DRAWING EC NO: S2016-0416 DRWNG:CGOH CHKD:DEANG APPR:KHLIM		2015/10/30 2015/11/04 2015/11/05	DESCRIPTION	QUALITY SYMBOLS FA=0 FB=0 FC=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
					mm	INCH	DRAWN BY KS	DATE 1987/10/30	TITLE C-GRID III SINGLE ROW STRAIGHT SHROUDED HEADER		
AG	REV				4 PLACES	± ---	± ---	CHECKED BY BENRIGHT	DATE 2002/08/15	molex SDA-90136	
					3 PLACES	± ---	± .004	APPROVED BY	DATE 2011/04/15		
					2 PLACES	± 0.10	± ---	MATERIAL NO.	DOCUMENT NO.		
					1 PLACE	± ---	± ---				
					0 PLACE	±	±				
					ANGULAR ±1/2°						
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE				
							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		
F	CKTS	ASSEMBLY P/N	DIM A	DIM B	DIM C	NOTES 6. FOR PLATING DETAILS SEE SDES 99000-0003 90136 - X X X X INDICATES NO. OF CIRCUITS PLATING 1 - TYPE A 2 - TYPE E 3 - TYPE F 4 - TYPE G STYLE - 1 - STRAIGHT ASSEMBLY STYLE - 2 - RIGHT ANGLE ASSEMBLY STYLE - 5 - STRAIGHT ASSEMBLY WITH VOIDS STYLE - 7 - NON STANDARD PRODUCT 7. PLATING TYPES 1 - TYPE A TIN 3.0µm MIN. OVER 1.27 - 2.54µm NICKEL. 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. 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. 4 - TYPE G SELECTIVE GOLD PLATE. GOLD FLASH 0.05 - 0.10µm IN SELECTED AREA AND 3.0µm MIN - 5.0µm MAX TIN IN SELECTED AREA OVER 1.3 - 2.5µm NICKEL OVERALL.						
	1	90136-**-01	-	(5.89)/.232	(4.06)/.160							
	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							
E	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							
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							
	20	90136-**-20	(48.26)/1.900	(54.15)/2.132	(52.32)/2.060							
C	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							
	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							
B	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							
	32	90136-**-32	(78.74)/3.100	(84.63)/3.332	(82.80)/3.260							
A												