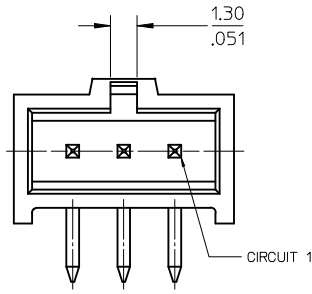
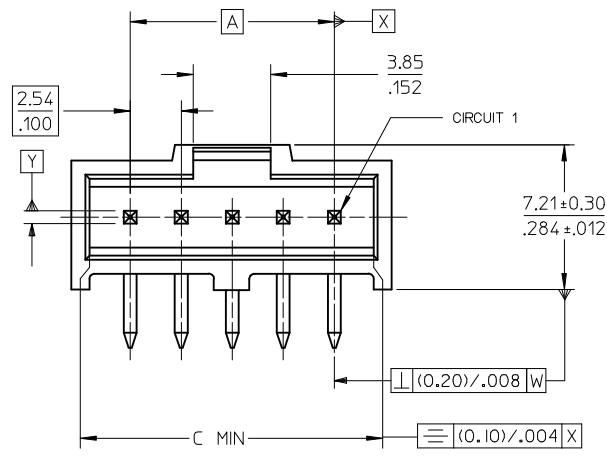


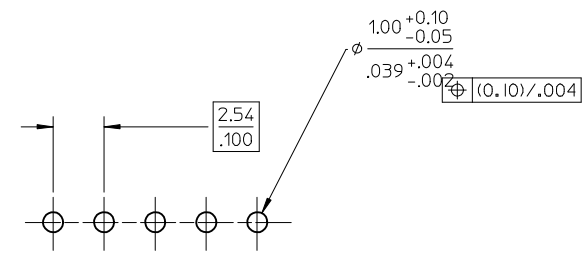
RIGHT ANGLE VERSION



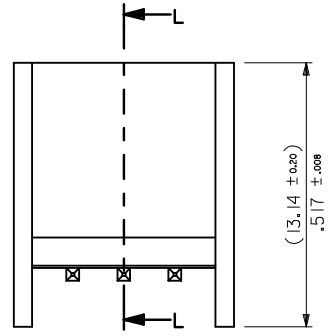
1 TO 3 CIRCUITS



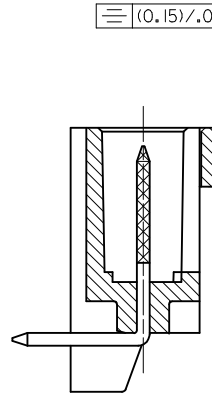
4 TO 32 CIRCUITS



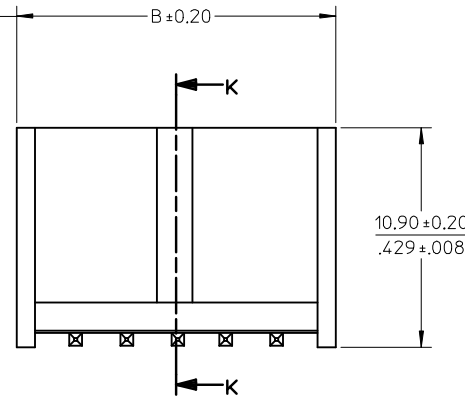
RECOMMENDED PCB PATTERN



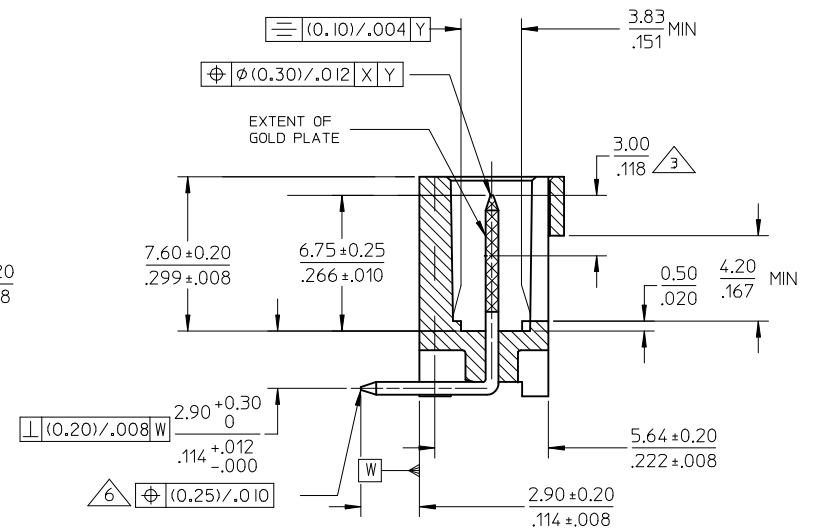
1 TO 6 CIRCUITS



SECTION L-L



7 TO 32 CIRCUITS



SECTION K-K

UPDATE DRAWING EC NO: S2016-0416 DRWNG:CGOH CHYKDE:ANG APPR:KHLIM 2015/10/30 2015/11/04 2015/11/05 AG		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
							MM/IN		NTS	METRIC				
							DRAWN BY		DATE		C-GRID III SINGLE ROW STRAIGHT SHROUDED HEADER			
							KS		1987/10/30					
							CHECKED BY		DATE					
							BENRIGHT		2002/08/15					
			APPROVED BY		DATE		molex							
			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																																
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																																					
	E	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																																					
D	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																																					
	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																																					
C	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																																					
	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																																					
B	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																																					
	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																																					
A	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																																					
UPDATE DRAWING EC NO: S2016-0416 2015/10/30 DRWN:CGOH 2015/11/04 CHK:DEANG 2015/11/05 APPR:KHL IM DESCRIPTION REV						QUALITY SYMBOLS $F_A=0$ $F_E=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES</td><td>±---</td><td>±---</td></tr><tr><td>3 PLACES</td><td>±---</td><td>±.004</td></tr><tr><td>2 PLACES</td><td>±0.10</td><td>±---</td></tr><tr><td>1 PLACE</td><td>±---</td><td>±---</td></tr><tr><td>0 PLACE</td><td>±</td><td>±</td></tr></table> ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±.004	2 PLACES	±0.10	±---	1 PLACE	±---	±---	0 PLACE	±	±	DIMENSION STYLE MM/IN <table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>KS</td><td>1987/10/30</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>BENRIGHT</td><td>2002/08/15</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>MLONG</td><td>2011/04/15</td></tr></table> MATERIAL NO. SEE TABLE SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	DRAWN BY	DATE	KS	1987/10/30	CHECKED BY	DATE	BENRIGHT	2002/08/15	APPROVED BY	DATE	MLONG	2011/04/15	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION C-GRID III SINGLE ROW STRAIGHT SHROUDED HEADER molex SDA-90136	SHEET NO. 3 OF 3
	mm	INCH																																								
4 PLACES	±---	±---																																								
3 PLACES	±---	±.004																																								
2 PLACES	±0.10	±---																																								
1 PLACE	±---	±---																																								
0 PLACE	±	±																																								
DRAWN BY	DATE																																									
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fb_frame_A3_P_AM-T Rev. G 2012/01/11						9	8	7	6	5	4	3	2	1																												