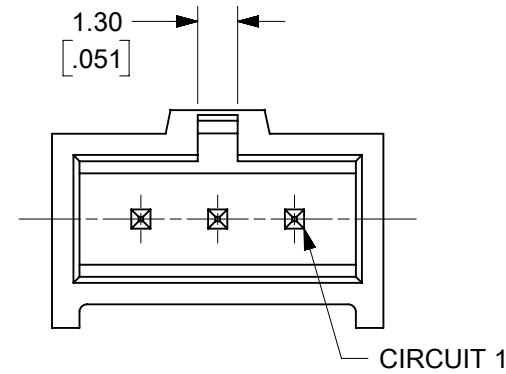
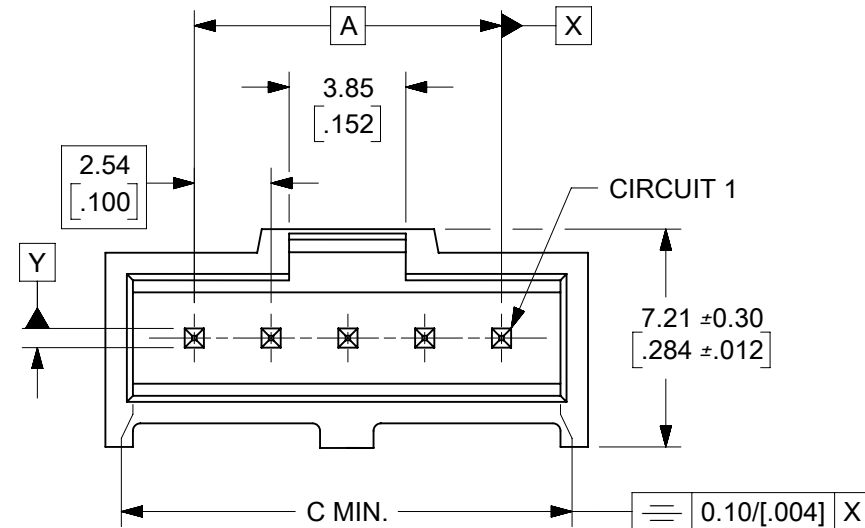


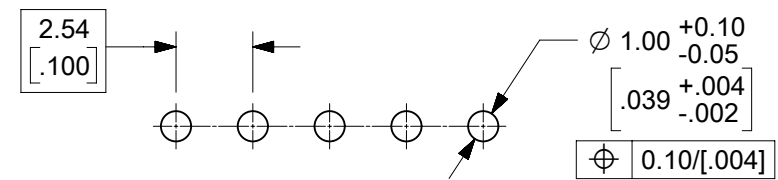
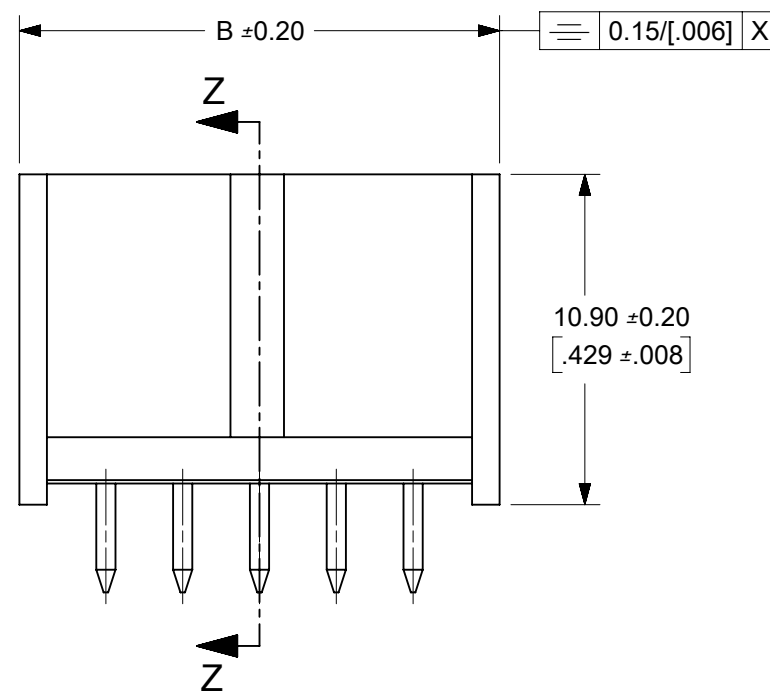
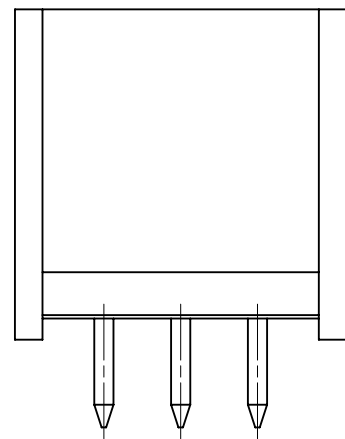
THROUGH HOLE VERSION (STRAIGHT ASSEMBLY)



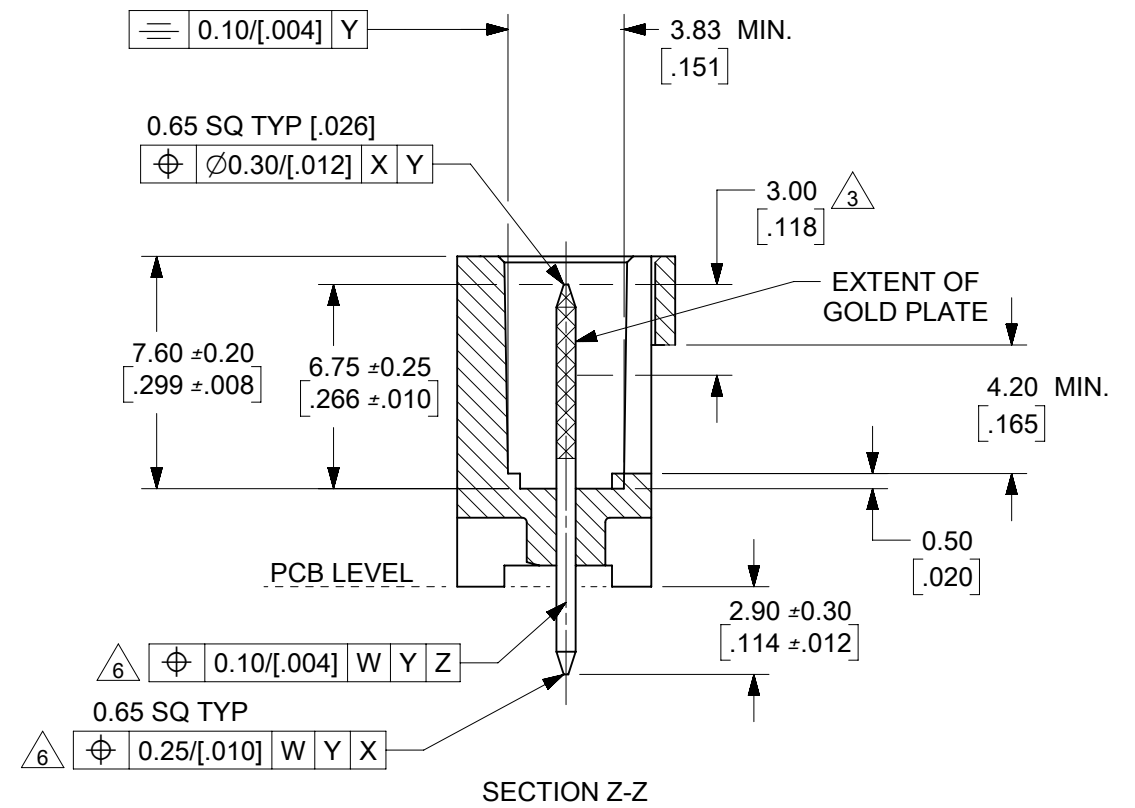
1 TO 3 CIRCUITS



4 TO 32 CIRCUITS



RECOMMENDED PCB HOLE PATTERN



NOTES:

1. MATERIALS:

- PIN: 0.650/[0.0255] SQ. BRASS WIRE
- HOUSING : 15% GLASS FILLED POLYESTER
- UL 94V-0 COLOR BLACK

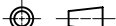
2. FOR PLATING VERSIONS, SEE SHEET 2.

3. MEASUREMENT POINT FOR MINIMUM PLATING THICKNESS.

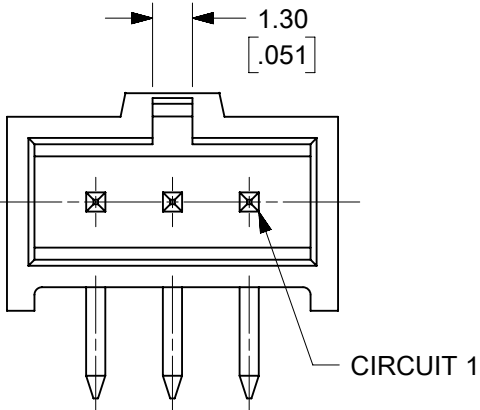
4. PRODUCT SPEC.: PS-99020-0001

5. RECOMMENDED PCB THICKNESS 1.6mm

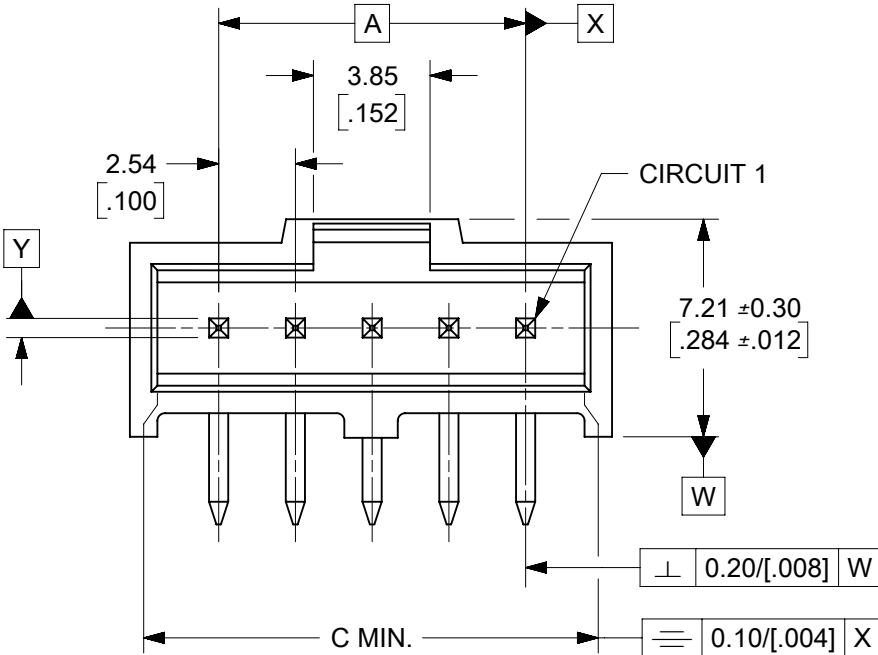
6. SOLDER TAIL TO BE GAUGED.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX				molex	
MM/INCH		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				C-GRID III SINGLE ROW STRAIGHT SHROUDED HEADER					
	MM	INCH							
4 PLACES	±	±							
3 PLACES	±	± 0.004							
2 PLACES	± 0.1	±							
1 PLACE	±	±		PRODUCT CUSTOMER DRAWING					
0 PLACES	±	±							
ANGULAR TOL ± 0.5 °				DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SDA-90136		PSD		001	AH2
THIRD ANGLE PROJECTION				DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	
				A3-SIZE	90136	SEE TABLE		GENERAL MARKET	
								SHEET NUMBER	
								1 OF 3	

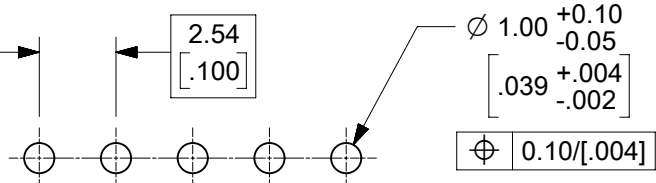
RIGHT ANGLE VERSION



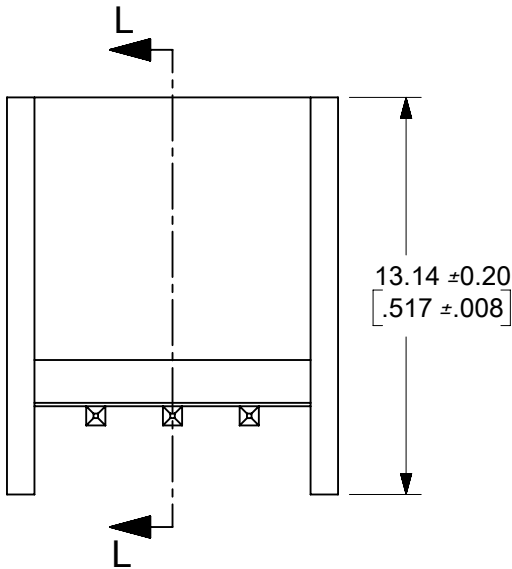
1 TO 3 CIRCUIT



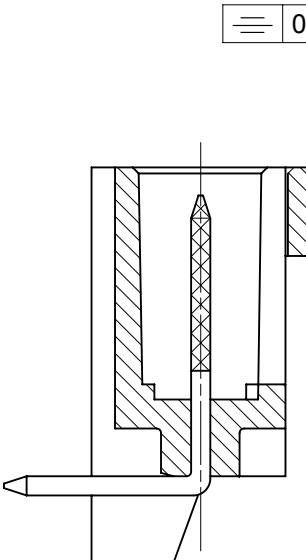
4 TO 32 CIRCUITS



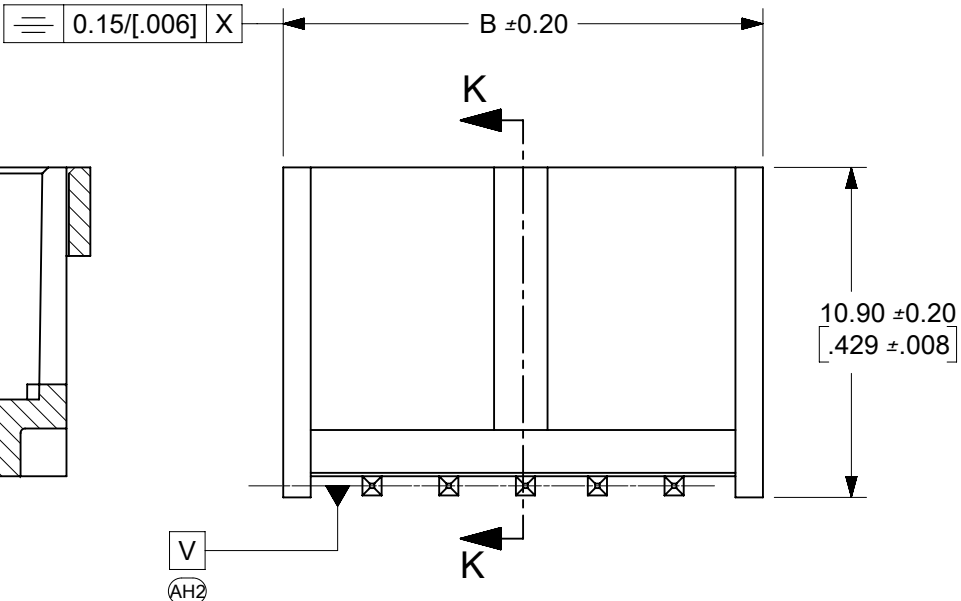
RECOMMENDED PCB PATTERN



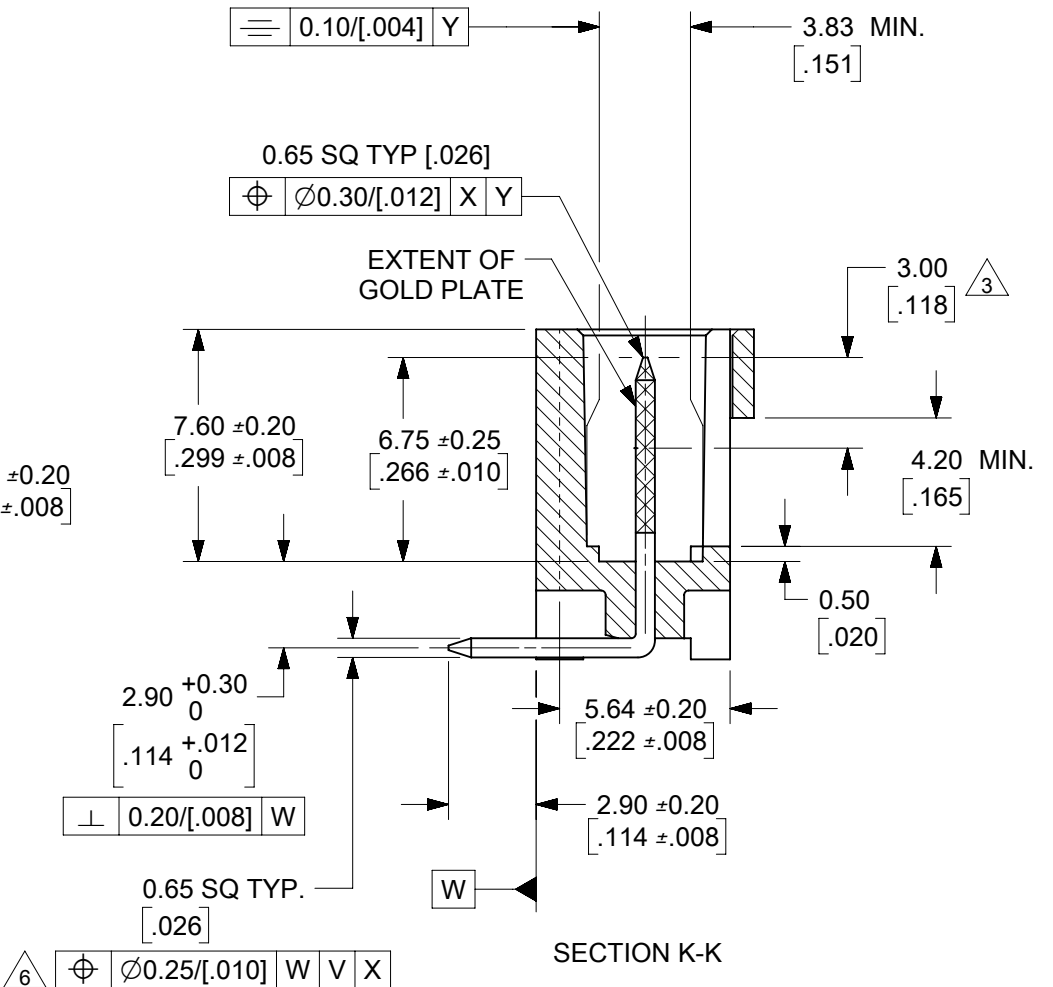
1 TO 6 CIRCUITS



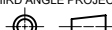
SECTION L-



7 TO 32 CIRCUITS



SECTION K-

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX					molex					
MM/INCH		NTS												
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 624936 DRWN: ABABUPS 2019/09/27 CHK'D: MRAMAKRISHNA 2019/10/01 APPR: MRAMAKRISHNA 2019/10/01 INITIAL REVISION: DRWN: KS 1987/10/30 APPR: MLONG 2011/04/15					C-GRID III SINGLE ROW STRAIGHT SHROUDED HEADER					
	MM	INCH							PRODUCT CUSTOMER DRAWING					
4 PLACES	±	±							DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION
3 PLACES	±	±	0.004						SDA-90136		PSD		001	AH2
2 PLACES	±	0.1												
1 PLACE	±	±												
0 PLACES	±	±												
ANGULAR TOL ± 0.5°														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
						A3-SIZE	90136	SEE TABLE		GENERAL MARKET		2 OF 3		

10	9	8	7	6	5	4	3	2	1
CKTS	ASSEMBLY P/N	DIM. A	DIM. B	DIM. C					
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]					
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]					
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]					
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]					
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]					