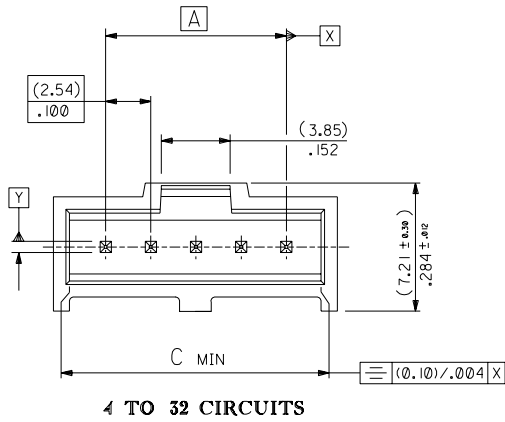
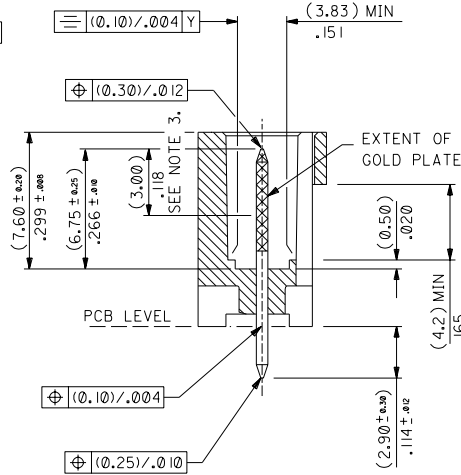
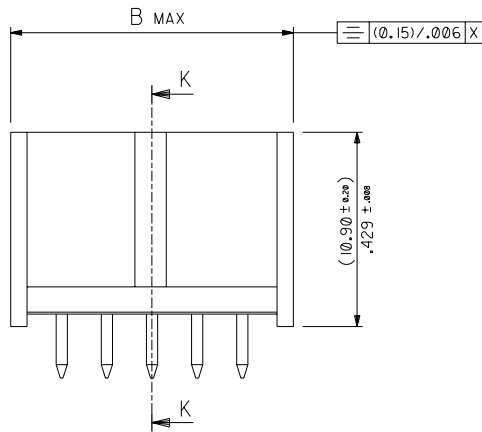
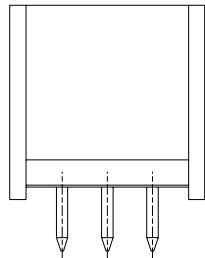


1 TO 3 CIRCUITS

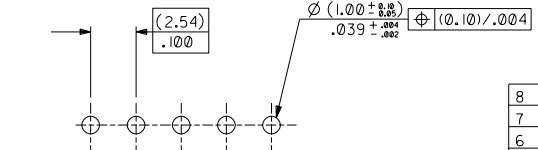


4 TO 32 CIRCUITS



SECTION K-K

NO. OF CKTS	DIM A	DIM B	DIM C
1	—	( 6.27 ) / 0.247	( 3.86 ) / 0.152
2	( 2.54 ) / 0.100	( 8.81 ) / 0.347	( 6.40 ) / 0.252
3	( 5.08 ) / 0.200	( 11.35 ) / 0.447	( 8.94 ) / 0.352
4	( 7.62 ) / 0.300	( 13.89 ) / 0.547	( 11.48 ) / 0.452
5	( 10.16 ) / 0.400	( 16.43 ) / 0.647	( 14.02 ) / 0.552
6	( 12.70 ) / 0.500	( 18.97 ) / 0.747	( 16.56 ) / 0.652
7	( 15.24 ) / 0.600	( 21.51 ) / 0.847	( 19.10 ) / 0.752
8	( 17.78 ) / 0.700	( 24.05 ) / 0.947	( 21.64 ) / 0.852
9	( 20.32 ) / 0.800	( 26.59 ) / 1.047	( 24.18 ) / 0.952
10	( 22.86 ) / 0.900	( 29.13 ) / 1.147	( 26.72 ) / 1.052
11			
12	( 27.94 ) / 1.100	( 34.21 ) / 1.347	( 31.80 ) / 1.252
13	( 30.48 ) / 1.200	( 36.75 ) / 1.447	( 34.34 ) / 1.352
14	( 33.02 ) / 1.300	( 39.29 ) / 1.547	( 36.88 ) / 1.452
15	( 35.56 ) / 1.400	( 41.83 ) / 1.647	( 39.42 ) / 1.552
16	( 38.10 ) / 1.500	( 44.37 ) / 1.747	( 41.96 ) / 1.652
17			
18	( 43.18 ) / 1.700	( 49.45 ) / 1.947	( 47.04 ) / 1.852
19			
20			
21			
22	( 53.34 ) / 2.100	( 59.61 ) / 2.347	( 57.20 ) / 2.252
23			
24			
25	( 60.96 ) / 2.400	( 67.23 ) / 2.647	( 64.82 ) / 2.552
26			
27			
28			
29			
30	( 73.66 ) / 2.900	( 79.93 ) / 3.147	( 77.52 ) / 3.052
31			
32	( 78.74 ) / 3.100	( 85.01 ) / 3.347	( 82.60 ) / 3.252



RECOMMENDED P.C. BOARD HOLE PATTERN

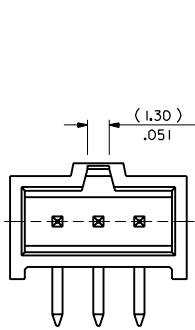
- NOTES
- MATERIAL:-
    - PIN:- (0.635) / .025 SO.BRASS WIRE.
    - HOUSING:- 15% GLASS FILLED POLYESTER
    - UL 94 V-0 COLOUR BLACK
  - FOR PLATING VERSIONS SEE SHEET 2.
  - MEASUREMENT POINT FOR MINIMUM PLATING THICKNESS

FOR PREVIOUS DRAWING ISSUES SEE MRI.

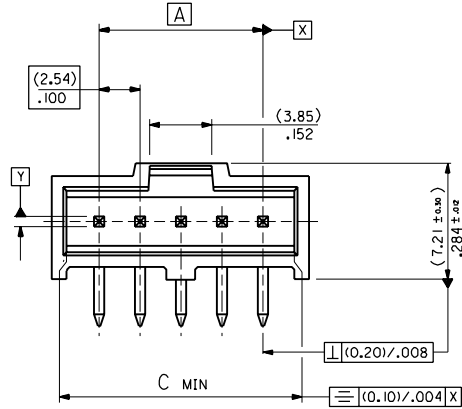
ADDED SHEET 8 EC NO. 2003-0138 DRW: P. SHEAHAN 02/08/15 CHK: / / / APPR: / / /	QUALITY SYMBOLS MAJOR CRITICAL C =	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 5:1	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm ONLY	DIMENSIONS: <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	SHT REV
		4 PLACES ±0. ±. 3 PLACES ±0. ±.004 2 PLACES ±0.10 ±. 1 PLACE ±0. ±.	DRAWN BY & DATE KS 87/10/30 CHECKED BY & DATE / / APPROVED BY & DATE / /	TITLE: C-GRID III SINGLE ROW STRAIGHT SHROUDED HEADER		CAD FILENAME SEE CHART		MATERIAL NO. SDA-90136-
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.						

8	A
7	P
6	S
5	N
4	P
3	K
2	M
1	T

13 12 11 10 9 8 7 6 5 4 3 2 1



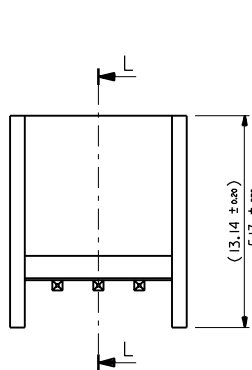
1 TO 3 CIRCUITS



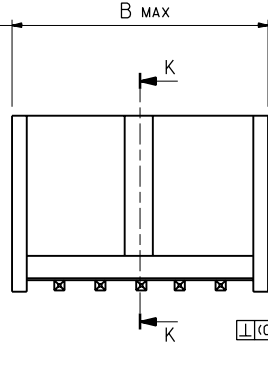
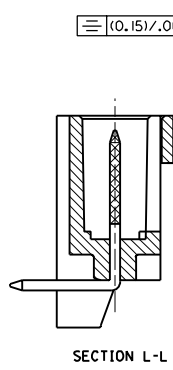
4 TO 32 CIRCUITS

No. OF CKTS	DIM A	DIM B	DIM C
1		( 6.27 ) / 0.247	( 3.86 ) / 0.152
2	( 2.54 ) / 0.100	( 8.81 ) / 0.347	( 6.40 ) / 0.252
3	( 5.08 ) / 0.200	( 11.35 ) / 0.447	( 8.94 ) / 0.352
4	( 7.62 ) / 0.300	( 13.89 ) / 0.547	( 11.48 ) / 0.452
5	( 10.16 ) / 0.400	( 16.43 ) / 0.647	( 14.02 ) / 0.552
6	( 12.70 ) / 0.500	( 18.97 ) / 0.747	( 16.56 ) / 0.652
7	( 15.24 ) / 0.600	( 21.51 ) / 0.847	( 19.10 ) / 0.752
8	( 17.78 ) / 0.700	( 24.05 ) / 0.947	( 21.64 ) / 0.852
9	( 20.32 ) / 0.800	( 26.59 ) / 1.047	( 24.18 ) / 0.952
10	( 22.86 ) / 0.900	( 29.13 ) / 1.147	( 26.72 ) / 1.052
11			
12	( 27.94 ) / 1.100	( 34.21 ) / 1.347	( 31.80 ) / 1.252
13	( 30.48 ) / 1.200	( 36.75 ) / 1.447	( 34.34 ) / 1.352
14			
15	( 35.56 ) / 1.400	( 41.83 ) / 1.647	( 39.42 ) / 1.552
16	( 38.10 ) / 1.500	( 44.38 ) / 1.747	( 41.96 ) / 1.652
17			
18	( 43.18 ) / 1.700	( 49.45 ) / 1.947	( 47.04 ) / 1.852
19			
20			
21			
22	( 53.34 ) / 2.100	( 59.61 ) / 2.347	( 57.20 ) / 2.252
23			
24			
25	( 60.96 ) / 2.400	( 67.23 ) / 2.647	( 64.82 ) / 2.552
26			
27			
28			
29			
30	( 73.66 ) / 2.900	( 79.93 ) / 3.147	( 77.52 ) / 3.052
31			
32	( 78.74 ) / 3.100	( 85.01 ) / 3.347	( 82.60 ) / 3.252

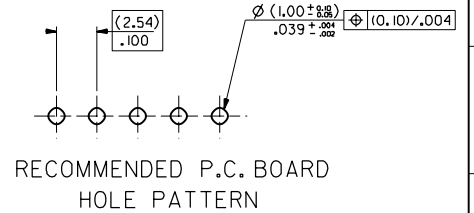
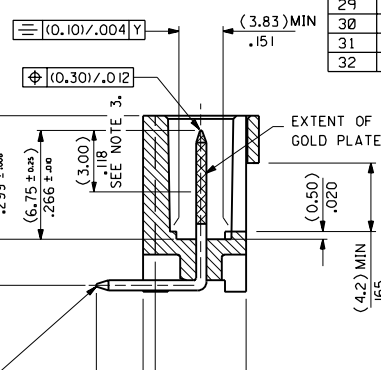
REF. DES. SEE CHART  
PART NO. SDA-90136



1 TO 6 CIRCUITS



7 TO 32 CIRCUITS



NOTES

- MATERIAL :-  
 - PIN: - (Ø.635) / .025 SQ. BRASS WIRE.  
 - HOUSING: - 15% GLASS FILLED POLYESTER  
 - UL 94 V-0 COLOUR BLACK
2. FOR PLATING VERSIONS SEE SHEET 4.  
 3. MEASUREMENT FOR MINIMUM PLATING THICKNESS

FOR PREVIOUS DRAWING ISSUES SEE MRL.

FOR PREVIOUS DRAWING ISSUES SEE MRL.	SEE SHEET 1.	REVISIONS	DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± °	DRWG BY KS
		1 PLACE # .004		
		2 PLACE # . . . ± 0.10		
		3 PLACE # . . . # . . .		
		DRIFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
		DESIGN DIMENSION (PRIMARY) □ IN. (SECONDARY) □ MM		
		EQUIVALENT DIMENSION (SECONDARY) □ IN. □ MM		

REVISE ONLY ON CAD SYSTEM		SHL	REV.
CADD FILE NAME SDA90136.DGN		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
TITLE			
C-GRID III SINGLE ROW RIGHT ANGLE SHROUDED HEADER			
MOLEX		SHEET NO. 30F	DATE 29/ 9/87
PART NO. SEE CHART		DWG NO. SDA-90136	SIZE C

7133-1283 13 12 11 10 9 8 7 6 5 4 3 2 1

	10	9	8	7	6	5	4	3	2	1
F  E  D  C  B  A	SEE CHART PART NO. SDA-90136 DWG. NO.		PART NUMBERS							
	NO. OF CKTS	PLATING TYPE A	PLATING TYPE E	PLATING TYPE F						
	1	90136-2101	90136-2201	90136-2301						
	2	↑ -2102	↑ -2202	↑ -2302						
	3	↑ -2103	↑ -2203	↑ -2303						
	4	↑ -2104	↑ -2204	↑ -2304						
	5	↑ -2105	↑ -2205	↑ -2305						
	6	↑ -2106	↑ -2206	↑ -2306						
	7	↑ -2107	↑ -2207	↑ -2307						
	8	↑ -2108	↑ -2208	↑ -2308						
	9	↑ -2109	↑ -2209	↑ -2309						
	10	↑ -2110	↑ -2210	↑ -2310						
	11									
	12	↓ -2112	↓ -2212	↓ -2312						
	13	↓ -2113	↓ -2213	↓ -2313						
	14	↓ -2114	↓ -2214	↓ -2314						
	15	↓ -2115	↓ -2215	↓ -2315						
	16	↓ -2116	↓ -2216	↓ -2316						
	17									
	18	↓ -2118	↓ -2218	↓ -2318						
	19									
	20									
	21									
	22	↓ -2122	↓ -2222	↓ -2322						
	23									
	24									
	25	↓ -2125	↓ -2225	↓ -2325						
	26									
	27									
	28									
	29									
	30	↓ -2130	↓ -2230	↓ -2330						
31	↓ -2130	↓ -2230	↓ -2330							
32	90136-2132	90136-2232	90136-2332							

NOTES  
 1.FOR ASSY SEE SHEET 3  
 2.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  
 STYLE:- 2 - RIGHT ANGLE ASSY

SEE SHEET 1 EC NO. DRWN: CHKg APPR:	DESCRIPTION MAJOR = 0 CRITICAL C = 0	QUALITY SYMBOLS		GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	DIMENSIONS:	SHT	REV	
				mm	INCH		<input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	<input type="checkbox"/> mm <input type="checkbox"/> INCH	<input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm ONLY			
		4 PLACES	±0.	±.			DRAWN BY & DATE KS 28 9 87	TITLE: C-Grid Shrd Hdr SR Vt				
		3 PLACES	±0.	±.			CHECKED BY & DATE RD 16 10 91	MOLEX INCORPORATED				
2 PLACES	±0.	±.			APPROVED BY & DATE MW 17 10 91	CAD FILENAME SA90136X4 DGN	MATERIAL NO. SEE CHART	DRAWING NO. SDA 90136	SHEET NO. 4	SIZE B		
1 PLACE	±0.	±.			ANGULAR: ± °	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						