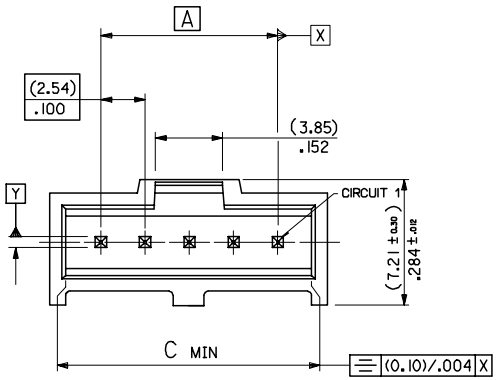
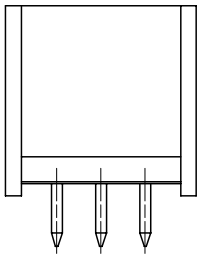
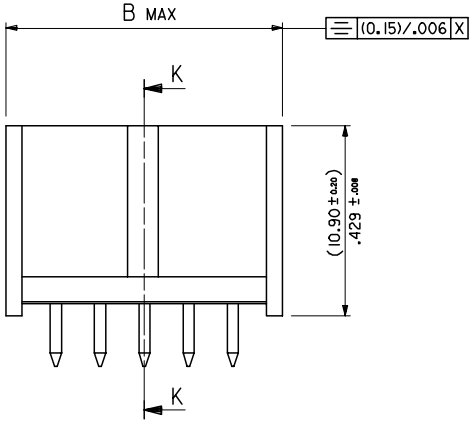


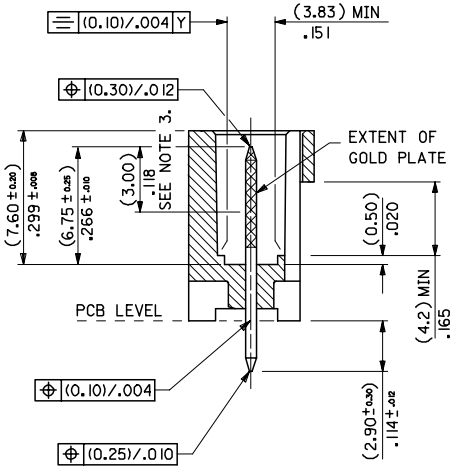
1 TO 3 CIRCUITS



4 TO 32 CIRCUITS

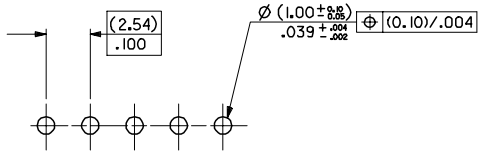






SECTION K—K

No. OF CKTS	DIM A	DIM B	DIM C
1		(5.89)/ .232	(4.06)/ .160
2	(2.54)/ .100	(8.43)/ .332	(6.60)/ .260
3	(5.08)/ .200	(10.97)/ .432	(9.14)/ .360
4	(7.62)/ .300	(13.51)/ .532	(11.68)/ .460
5	(10.16)/ .400	(16.05)/ .632	(14.22)/ .560
6	(12.70)/ .500	(18.59)/ .732	(16.76)/ .660
7	(15.24)/ .600	(21.13)/ .832	(19.30)/ .760
8	(17.78)/ .700	(23.67)/ .932	(21.84)/ .860
9	(20.32)/ .800	(26.21)/1.032	(24.38)/ .960
10	(22.86)/ .900	(28.75)/1.132	(26.92)/1.060
11	(2.54)/1.000	(31.29)1.232	(29.46)/1.160
12	(27.94)/1.100	(33.83)/1.332	(32.00)/1.260
13	(30.48)/1.200	(36.37)/1.432	(34.54)/1.360
14	(33.02)/1.300	(38.91)/1.532	(37.08)/1.460
15	(35.56)/1.400	(41.45)/1.632	(39.62)/1.560
16	(38.10)/1.500	(43.99)/1.732	(42.16)/1.660
17	(40.64)/1.600	(46.53)/1.832	(44.70)/1.760
18	(43.18)/1.700	(49.07)/1.932	(47.24)/1.860
19	(45.72)/1.800	(51.61)/2.032	(49.78)/1.960
20	(48.26)/1.900	(54.15)/2.132	(52.32)/2.060
21	(50.80)/2.000	(56.69)/2.232	(54.86)/2.160
22	(53.34)/2.100	(59.23)/2.332	(57.40)/2.260
23	(55.88)/2.200	(61.77)/2.432	(59.94)/2.360
24	(58.42)/2.300	(64.31)/2.532	(62.48)/2.460
25	(60.96)/2.400	(66.85)/2.632	(65.02)/2.560
26	(63.50)/2.500	(69.39)/2.732	(67.56)2.660
27	(66.04)/2.600	(71.93)/2.832	(70.10)/2.760
28	(68.58)/2.700	(74.47)/2.932	(72.64)/2.860
29	(71.12)2.800	(77.01)3.032	(75.181)/2.960
30	(73.66)/2.900	(79.55)/3.132	(77.72)/3.060
31	(76.20)/3.000	(82.09)/3.232	(80.26)/3.160
32	(78.74)/3.100	(84.63)/3.332	(82.80)/3.260



RECOMMENDED P.C. BOARD HOLE PATTERN

NOTES
1.MATERIAL:-
- PIN:- (0.635)/.025 SQ.BRASS WIRE.
- HOUSING:- 15% GLASS FILLED POLYESTER
- UL 94 V-0 COLOUR 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

REV	DESCRIPTION	APPR:	CHK'D:	DRWN:	EC NO:
Z	ADDED CIRCUIT 1 INDICATOR	J.WALLACE 2007/09/11	D.BYRNES 2007/09/10	D.BYRNES 2007/09/10	E2008-0112

QUALITY SYMBOLS: ▼=0, ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .004
2 PLACES	± 0.10	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN | SCALE: 5:1 | DESIGN UNITS: METRIC | THIRD ANGLE PROJECTION

DRAWN BY: KS | DATE: 1987/10/30 | CHECKED BY | DATE | APPROVED BY | DATE

TITLE: C-GRID III SINGLE ROW STRAIGHT SHROUDED HEADER

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART | DOCUMENT NO.: SDA-90136 | SHEET NO.: 1 OF 180

SIZE: A2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SEE CHART SDA-90136

NO. OF CKTS	PART NUMBERS PLATING TYPE A	PLATING TYPE E	PLATING TYPE F
1	90136-1101	90136-1201	90136-1301
2	-1102	-1202	-1302
3	-1103	-1203	-1303
4	-1104	-1204	-1304
5	-1105	-1205	-1305
6	-1106	-1206	-1306
7	-1107	-1207	-1307
8	-1108	-1208	-1308
9	-1109	-1209	-1309
10	-1110	-1210	-1310
11	-1111	-1211	-1311
12	-1112	-1212	-1312
13	-1113	-1213	-1313
14	-1114	-1214	-1314
15	-1115	-1215	-1315
16	-1116	-1216	-1316
17	-1117	-1217	-1317
18	-1118	-1218	-1318
19	-1119	-1219	-1319
20	-1120	-1220	-1320
21	-1121	-1221	-1321
22	-1122	-1222	-1322
23	-1123	-1223	-1323
24	-1124	-1224	-1324
25	-1125	-1225	-1325
26	-1126	-1226	-1326
27	-1127	-1227	-1327
28	-1128	-1228	-1328
29	-1129	-1229	-1329
30	-1130	-1230	-1330
31	-1131	-1231	-1331
32	90136-1132	90136-1232	90136-1332

NOTES
1. FOR ASSY SEE SHEET 1
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:- 1 - STRAIGHT ASSY

CORRECTED TABLE
EC NO: E2007-1001 2007/06/07
DRWN:DBYRNES 2007/06/07
CHKD:
APPR:EOMAHONY 2007/06/07
DESCRIPTION
REV
N

QUALITY SYMBOLS
▼=0
▽(C)=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: KS DATE: 1987/09/28
CHECKED BY: DATE:
APPROVED BY: DATE:

TITLE: C-GRID 111 SINGLE ROW STRAIGHT SHROUDED HEADER
MOLEX INCORPORATED
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-90136
SHEET NO.: 2 OF 8
SIZE: A3

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