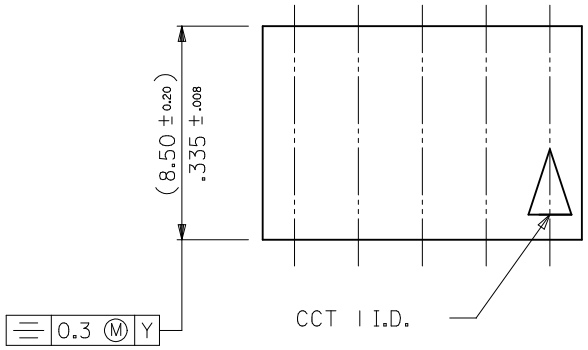
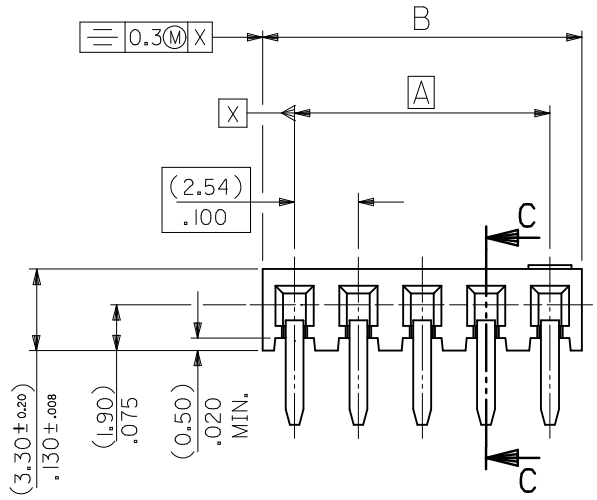
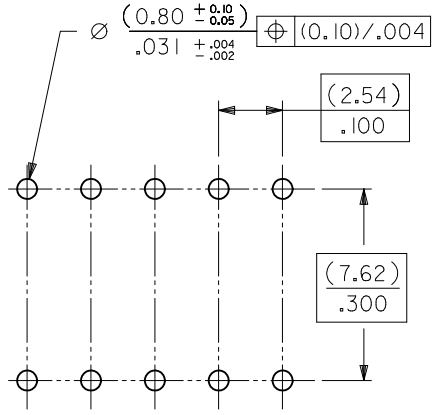
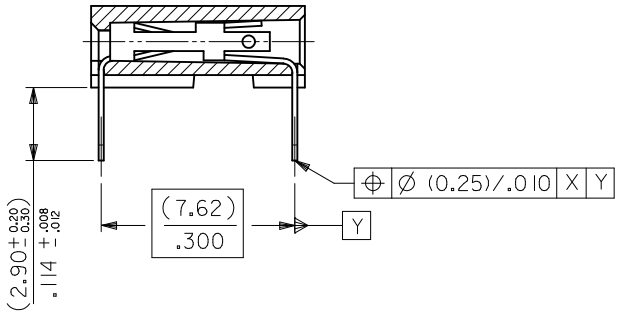



RECOMMENDED P.C. BOARD HOLE PATTERN FOR STRAIGHT PINS




SECTION C-C SHOWING STRAIGHT PINS

NOTES

1) CONTACT-PLATED PHOSPHOR BRONZE.
( SEE SHEET 2 )

2) HOUSING
POLYESTER (PBT), 15% GLASS FILL, UL94-V0.
COLOR: BLACK.
ALSO
POLYAMIDE (PA4/6), 30% GLASS FILL, UL94-V0.
COLOR: NATURAL.

3) FOR (0.635)/.025 SQ. MALE PINS THE LENGTH MUST BE (5.65)/.222 MIN & (7.00)/.276 MAX. TO ENSURE GOOD CONNECTION WITH CONTACT.

4) PRODUCT SPECIFICATION: PS-99020-0001

5) PCB THICKNESS 1.6MM

UPDATE TOL.SYMMETRY
EC NO: S2010-0968
DRWN:SKANG 2010/05/26
CH'KD:ATSEE 2010/06/04
APPR:MLONG 2010/06/05
DESCRIPTION
REV
AK

QUALITY SYMBOLS
FA=0
FC=0
FP=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.15 | ± --- |
| 1 PLACE | ± --- | ± --- |
| ANGULAR ± 2 ° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: DB DATE: 1987/07/14
CHECKED BY: D.MORIARTY DATE: 2005/03/02
APPROVED BY: J.DENNEHY DATE: 2010/06/04

TITLE: C-GRID III SINGLE ROW HORIZONTAL P.C BOARD CONN.

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SDA-90148
SHEET NO.: 1 OF 3
SIZE: A3

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | B (±) | |
| 90148-1X02 | | 90148-4X02 | 2 | ( 2.54) .100 | ( 5.08) .200 | |
| | | 03 | 3 | ( 5.08) .200 | ( 7.62) .300 | |
| | | 04 | 4 | ( 7.62) .300 | (10.16) .400 | |
| | | 05 | 5 | (10.16) .400 | (12.70) .500 | |
| | | 06 | 6 | (12.70) .500 | (15.24) .600 | |
| | | 07 | 7 | (15.24) .600 | (17.78) .700 | |
| | | 08 | 8 | (17.78) .700 | (20.32) .800 | |
| | | 09 | 9 | (20.32) .800 | (22.86) .900 | |
| | | 10 | 10 | (22.86) .900 | (25.40) 1.000 | |
| | | 11 | 11 | (25.40) 1.000 | (27.94) 1.100 | |
| | | 12 | 12 | (27.94) 1.100 | (30.48) 1.200 | |
| | | 13 | 13 | ——— | ——— | |
| | | 14 | 14 | (33.02) 1.300 | (35.56) 1.400 | |
| | | 15 | 15 | (35.56) 1.400 | (38.10) 1.500 | |
| | | 16 | 16 | ——— | ——— | |
| | | 17 | 17 | ——— | ——— | |
| | | 18 | 18 | (43.18) 1.700 | (45.72) 1.800 | |
| | | 19 | 19 | (45.72) 1.800 | (48.26) 1.900 | |
| | | 20 | 20 | (48.2C | (50.80) 2.000 | |
| | | 21 | 21 | ——— | ——— | |
| | | 22 | 22 | ——— | ——— | |
| | | 23 | 23 | ——— | ——— | |
| | | 24 | 24 | ——— | ——— | |
| | | 25 | 25 | | (63.50) 2.500 | |
| | | 26 | 26 | | (66.04) 2.600 | |
| | | 27 | 27 | ——— | ——— | |
| | | 28 | 28 | ——— | ——— | |
| | | 29 | 29 | ——— | ——— | |
| | | 30 | 30 | | (76.20) 3.000 | |
| | | 31 | 31 | | | |
| 90148-1X32 | | 90148-4X32 | 32 | | | |