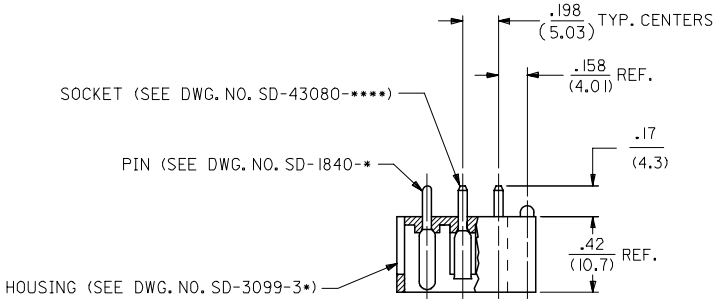
| PART NO.. | ENG. NUMBER | TERMINAL LOCATION (SEE CHART) | MAT'L | PEG TYPE | PLATING (SEE CHART) | DIA. "A" |
|---|---|---|---|---|---|---|
| 10-18-1031 | A-3099-P3 | A | V-0 | POLARIZING | B | .100±.005 (2.54±0.13) |
| 10-18-1032 | A-3099-P31 | B | | POLARIZING | | |
| 10-18-1033 | A-3099-P3A | C | | POLARIZING | | |
| 10-18-1034 | A-3099-P3B | D | | POLARIZING | | |
| 10-18-1035 | A-3099-P3C | E | | POLARIZING | | |
| 10-18-1036 | A-3099-P3D | F | | POLARIZING | | |
| 10-18-1037 | A-3099-P3H | G | | POLARIZING | | |
| 10-18-1038 | A-3099-P3E | H | | POLARIZING | | |
| 38-00-0204 | A-3099-P313 | B | | NONE | | ——— |
| 22-19-1031 | A-3099-0301 | A | ↓ | LOCKING | ↓ | .103 +.003/-.002 (2.62 +0.08/-0.05) |

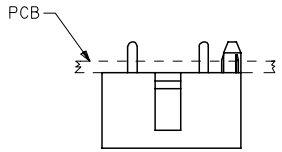
| TERMINAL LOCATION CODE | CIRCUIT NO. 1 | 2 | 3 |
|---|---|---|---|
| A | M | B | M |
| B | M | M | M |
| C | F | M | M |
| D | M | F | M |
| E | M | M | F |
| F | M | F | B |
| G | M | F | F |
| H | F | F | F |

TERMINAL LOCATION CHART (M=MALE, F=FEMALE, B=BLANK)

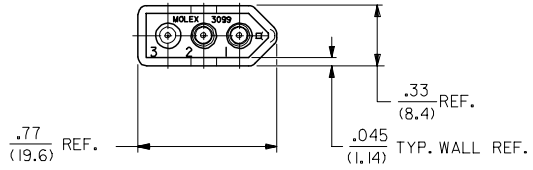
| PLATING CODE | PLATING |
|---|---|
| A | UNPLATED |
| B | PINS ONLY:<br>OVERALL TIN: .000200/(0.00508) MIN.<br>OVER COPPER .000100/(0.00254) MIN. |
| | SOCKETS ONLY:<br>OVERALL TIN: .000050/(0.00127) MIN.<br>OVER NICKEL .000050/(0.00127) MIN. |

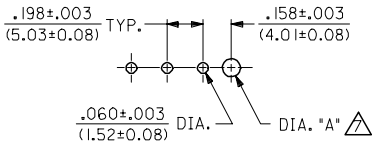



HOUSING WITH POLARIZING PEG SHOWN




HOUSING WITH LOCKING PEG SHOWN




RECOMMENDED P.C. BOARD HOLE LAYOUT

NOTES:
1. MATERIAL:
   HOUSING: UNFILLED POLYESTER, 94V-0, COLOR: BLACK
   PIN TERMINAL: CARTRIDGE BRASS
   SOCKET TERMINAL: PHOSPHOR BRONZE
2. FINISH: SEE TABLE
3. PRODUCT SPECIFICATION: N/A
4. PACKAGING SPECIFICATION: N/A
5. MATES WITH MOLEX 1396 RECEPTACLES AND .093/(2.36) SERIES TERMINALS.
6. ASSEMBLIES TO BE MOUNTED ON SUPPORTED EDGE OF P.C. BOARD.
7. ⚠ ONLY REQUIRED WHEN USING PARTS WITH OPTIONAL POLARIZING OR LOCKING PEGS.

UPDATE PLATING
EC NO: UCP2006-2825
DRWN:PRIDDER 2006/06/08
CH'KD:AELHAG 2006/06/09
APPR:FSMITH 2006/06/12
DESCRIPTION
REV
J1

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ±--- |
| 3 PLACES | ± --- | ±.010 |
| 2 PLACES | ±0.25 | ±.014 |
| 1 PLACE | ±0.36 | ±--- |
| ANGULAR ±1/2° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 2:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

| | |
|---|---|
| DRAWN BY | GEP |
| DATE | 5/25/89 |
| CHECKED BY | RW |
| DATE | 5/25/89 |
| APPROVED BY | RAS |
| DATE | 5/25/89 |

TITLE: CONNECTOR ASSEMBLY ENCLOSED WAFER 3 CIRCUIT

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-3099-*3**
SHEET NO.: 1 OF 1
SIZE: C

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