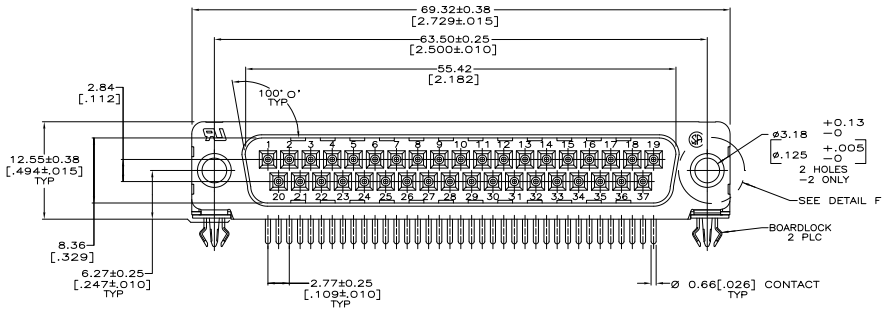
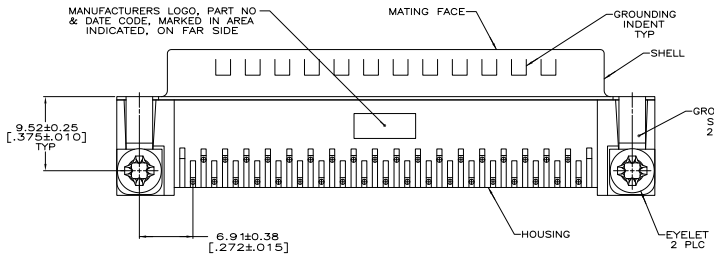
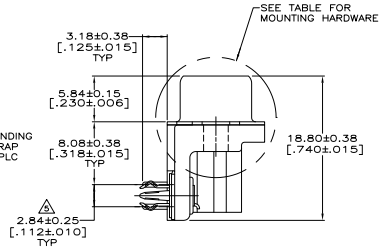
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION -.-.-
© COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

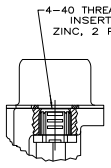
| REVISIONS | | | | | |
|---|---|---|---|---|---|
| LTR | DESCRIPTION | DATE | DWN | APVD |
| C | REVISED PER ECO-07-010510 | 22MAY07 | JDP | SLB |



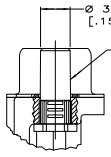



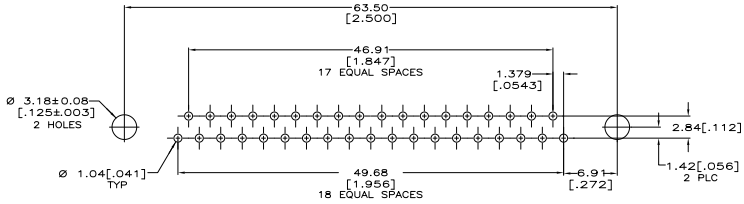
DETAIL F
2 PLC




DETAIL D




DETAIL E




RECOMMENDED P.C. BOARD MOUNTING DIMENSIONS
P.C. BOARD THICKNESS: 1.57[.062]

1. HOUSING: NYLON OR POLYESTER, FLAME RETARDANT, UL 94V−0 RATED, GLASS FILLED, COLOR BLACK.
   CONTACTS: BRASS.
   SHELL: CARBON STEEL.
   EYELETS: BRASS.
   BOARDLOCKS: COPPER ALLOY.
   INSERTS: ZINC ALLOY.
   SCREWLOCKS: ZINC ALLOY.
2. CONTACTS: SEE TABLE
   SHELL: 2.54µm [.000100] MIN TIN OVER 1.27µm [.000050] MIN COPPER.
   EYELETS: 5.08µm [.000200] MIN TIN OVER COPPER FLASH.
   BOARDLOCKS: 5.08µm[.000200] MIN TIN OVER 1.27µm[.000050] MIN NICKEL.
   INSERTS: CLEAR CHROMATE
   SCREWLOCKS: CLEAR CHROMATE
3. GOLD PLATED FOR LENGTH OF 3.81[.150] MIN FROM MATING END, GOLD FLASH IN MATED AREA, 2.54µm [.000100] MIN TIN FOR A LENGTH OF 3.56[.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.
4. GOLD PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76µm [.000030] MIN GOLD IN MATED AREA, 2.54µm [.000100] MIN TIN FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm[.000050] MIN NICKEL.
   −OR−
   GOLD FLASH OVER PALLADIUM NICKEL PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76µm [.000030] MIN PALLADIUM NICKEL IN MATED AREA, 2.54µm [.000100] MIN TIN FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm[.000050] MIN NICKEL.
5. DIMENSION APPLIES FROM CENTER OF CONTACTS.

| SEE DETAIL E | 2 | 5747843−6 |
|---|---|---|
| SEE DETAIL D | 2 | 5747843−4 |
| SEE DETAIL D | 2 | 5747843−3 |
| NONE | 2 | 5747843−2 |
| MOUNTING HARDWARE | CONTACT FINISH | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONS: mm [INCHES]
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± −
1 PLC ± −
2 PLC ± −
3 PLC ± 0.13[.005]
4 PLC ± −
ANGLES ± −
MATERIAL 1
FINISH 2

| | | |
|---|---|---|
| TYCO ELECTRONICS | 04−13−05 | Tyco Electronics Corporation |
| C. ATTADIA − DOCKS | 04−13−05 | Harrisburg, Pa 17105−3608 |
| CHK S. BOLASH | 04−13−05 | |
| APVD M. WALMSLEY | 04−13−05 | NAME PLUG ASSEMBLY, SIZE 4, 37 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, BOARDLOCKS, AMPLIMITE HD−20 |
| PRODUCT SPEC 108−40025 | | |
| APPLICATION SPEC 114−40010 | | SIZE A1 CAGE CODE 00779 DRAWING NO C−5747843 RESTRICTED TO − |
| WEIGHT − | | SCALE 4:1 SHEET 1 OF 1 REV C |
| CUSTOMER DRAWING | | |

AMP 4805 REV 31MAR2000

Downloaded from Elcodis.com electronic components distributor