



- 1 P.C. BOARD RECOMMENDATIONS:
 A.HOLES SHOULD BE DRILLED WITH A 1.15 MM DRILL.
 B.MINIMUM P.C.B. TIN-LEAD PLATING TO BE .000300 THICK OVER .002±.001 THICK COPPER.
 C.RECOMMENDED HOLE SIZE AFTER TIN-LEAD PLATING IS .037 TO .043 DIA.
 D.IF HOLE IS REFLOWED AFTER PLATING, DIA TO BE .036 TO .043.
- 2 MOLDED PARTS: FLAME RETARDANT, 94V-0 RATED, GLASS FILLED, NYLON OR POLYESTER, COLOR: BLACK.
- 3 CONTACTS: COPPER ALLOY PER ASTM B 122.
- 4 SHELL: STEEL PER ASTM A 109.
- 5 HARDWARE: ZINC ALLOY PER ASTM B 86.
- 6 GOLD PLATING PER MIL-G-45204, NICKEL PLATING PER QQ-N-290, TIN PLATING PER MIL-T-10727.
- 7 HARDWARE: SCREWLOCKS: UNPLATED.
- 8 SHELL: BRIGHT TIN PLATED.
- 9 PLATED WITH GOLD FLASH FOR A LENGTH OF .040 MIN FROM MATING END, .000100-.000200 TIN OR TIN-LEAD ON COMPLIANT PIN, ALL OVER .000030 NICKEL ON ENTIRE CONTACT.
- 10 PLATED WITH .000030 GOLD FOR A LENGTH OF .040 MIN FROM MATING END, WITH POINT OF MEASUREMENT .020 FROM MATING END OF CONTACT, .000100-.000200 TIN OR TIN-LEAD ON COMPLIANT PIN, ALL OVER .000050 NICKEL ON ENTIRE CONTACT.

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| OBSELETE | CONTACT FINISH | 745928-2 | 745928-1 |
| | | PART NO | |

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| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DIN W LENKER 5-31-88 | Tyco Electronics Corporation Harrisburg, PA 17105-3608 | |
| DIMENSIONS: INCHES | | CHK S WELDON 6-1-88 | NAME: RECEPTACLE ASSEMBLY, SIZE 3, 25 POSITION, WITH ACTION PIN CONTACTS, #4-40 SCREWLOCKS, FRONT METAL SHELL, MEDIUM PROFILE. | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD | PRODUCT SPEC: 108-40014 | RESTRICTED TO: |
| 0 PLC ± - | | | APPLICATION SPEC | |
| 1 PLC ± - | | | SIZE: A1 | CAGE CODE: 00779 |
| 2 PLC ± - | | | DRAWING NO: 745928 | WEIGHT: - |
| 3 PLC ± .005 | | | SCALE: 4:1 | SHEET: 1 OF 1 |
| 4 PLC ± - # 2 | | | CUSTOMER DRAWING | REV: N |
| ANGLES ± # 2 | | | | |