



- 1 FOR USE WITH 2.36 [.093] MINIMUM THICK PRINTED CIRCUIT BOARD. REFER TO APPLICATION SPECIFICATION FOR PRINTED CIRCUIT BOARD LAYOUT DIMENSIONS AND FINISH RECOMMENDATIONS.
- 2 HOUSING: NYLON OR POLYESTER, UL 94V-0 RATED, GLASS FILLED, BLACK.
- 3 CONTACTS: COPPER ALLOY.
- 4 SHELL: CARBON STEEL.
- 5 GOLD FLASH IN MATING AREA. 2.54 MICROMETERS [.000100] MINIMUM TIN OR TIN-LEAD ON COMPLIANT PIN. ALL OVER 1.27 MICROMETERS [.000050] MINIMUM NICKEL.
- 6 SHELL: 5.08  $\mu\text{m}$  [.000200] MIN TIN OVER 2.54  $\mu\text{m}$  [.000100] MIN COPPER.
- 7 0.76 MICROMETERS [.000030] MIN GOLD IN MATING AREA. 2.54 MICROMETERS [.000100] MIN TIN OR TIN-LEAD ON COMPLIANT PIN. ALL OVER 1.27 MICROMETERS [.000050] MIN NICKEL.  
OR  
GOLD FLASH OVER PALLADIUM NICKEL. 0.76 MICROMETERS [.000030] MIN TOTAL IN MATING AREA. 2.54 MICROMETERS [.000100] MIN TIN OR TIN-LEAD ON COMPLIANT PIN. ALL OVER 1.27 MICROMETERS [.000050] MIN NICKEL.
- 8 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

|                        |                |          |
|------------------------|----------------|----------|
|                        | 7              | 747089-2 |
| SUPERSEDED BY 747089-2 | 5              | 747089-1 |
|                        | CONTACT FINISH | PART NO  |

|  |                   |                            |                          |              |
|--|-------------------|----------------------------|--------------------------|--------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                   | DIN<br>C. OBERMAN 05/15/92 | STE TE Connectivity      |              |
| DIMENSIONS: mm [INCHES]                |                   | CHK<br>R. STONE 06/17/92   | NAME<br>PERCHERKE/PARKER |              |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |                   | APVD<br>06/2/92            | PRODUCT SPEC             |              |
| 0 PLC                                  | $\pm$ -           | 108-40014                  |                          |              |
| 1 PLC                                  | $\pm$ -           | APPLICATION SPEC           |                          |              |
| 2 PLC                                  | $\pm$ 0.13 [.005] | 114-40026                  |                          |              |
| 3 PLC                                  | $\pm$ -           | SIZE                       |                          |              |
| 4 PLC                                  | $\pm$ -           | CAGE CODE                  |                          |              |
| ANGLES                                 | $\pm$ -           | DRAWING NO                 |                          |              |
| MATERIAL                               | FINISH            | WEIGHT                     | A1 00779                 | 747089       |
| CUSTOMER DRAWING                       |                   | SCALE                      | 4:1                      | SHEET 1 OF 1 |