

NOTES:

1. **PART DESCRIPTION:** TRIAXIAL SOCKET CONTACT
MIL-C-38999 SIZE 8, TWINAXIAL CABLE

MATERIAL AND FINISH

- ① BE CU ALLOY PER QQ-C-530, GOLD PLATED PER MIL-G-45204
- ② POLYETHERIMIDE RESIN
- ③ SHIELDED CONTACT, PIN MATERIALS AND FINISHES AS SPECIFIED ON D-602-0126 SCD

- 2. **CAVITY ACCOMMODATION:** SOCKET CONFIGURATION TO FIT MIL-C-38999 SERIES I, III, & IV CONNECTORS, SIZE 8.
- 3. **WIRE SIZE:** CABLE BRAID TERMINATOR ASSEMBLY WILL TERMINATE THE BRAID OF RAYCHEM DATA BUS CABLES 10605, 10613, 10614, AND EPD6499, OR EQUIVALENT, TO OUTER SOCKET HOUSING ASSEMBLY, AFTER INNER CONDUCTORS HAVE BEEN TERMINATED TO D-602-0126 SHIELDED PIN CONTACT.
- 4. **MATING CONNECTOR:** THIS CONNECTOR WILL MATE WITH D-602-1113
- 5. SEE PROCEDURE ES 61184 FOR CABLE ACCOMMODATION AND TERMINATION PROCEDURE DETAIL
- 6. TRIAXIAL SOCKET CONTACT SHALL CONSIST OF OUTER SOCKET HOUSING ASSEMBLY, D-602-0126 SHIELDED CONTACT PIN, TWISTED PAIR, AND CABLE BRAID TERMINATOR ASSEMBLY, ALL PACKAGED TOGETHER.

PERFORMANCE CHARACTERISTICS

(TEST REQUIREMENTS AND PROCEDURES SHALL BE PER MIL-C-39029 WHERE APPLICABLE)

TEMPERATURE RATING: 125° C

CURRENT RATING: 3 AMPS

VOLTAGE RATING: DIELECTRIC WITHSTAND APPLIED BETWEEN INNER CONTACT AND MIDDLE CONTACT; AND MIDDLE CONTACT AND OUTER CONTACT 900 VOLTS RMS MAX

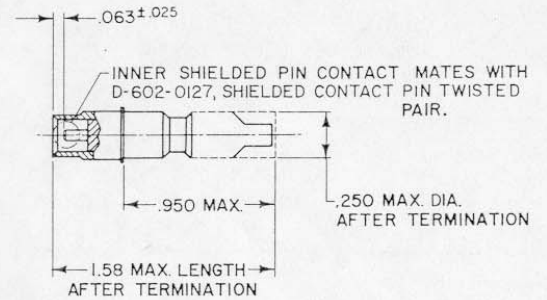
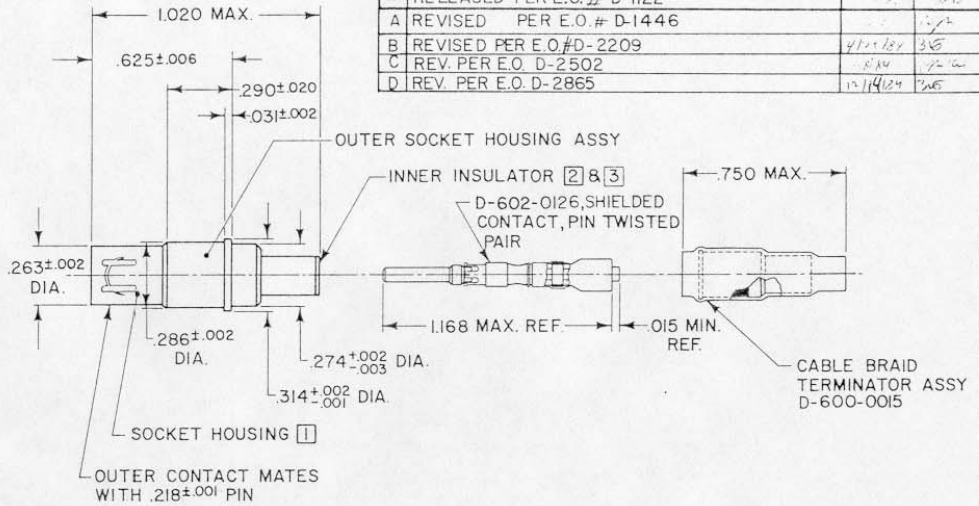
CONTACT RESISTANCE: INNER 10 MILLIOHM
MIDDLE 8 MILLIOHM
OUTER 60 MILLIOHM

INSULATION RESISTANCE: 5.0 GIGAOHM MINIMUM

SOCKET ENGAGEMENT AND SEPARATION FORCE:

| | ENGAGE (max) | SEPARATE (min) |
|--------------|--------------|----------------|
| OUTER SOCKET | 48 oz | 4 oz |
| INNER SOCKET | 6 oz | 0.5 oz |

| REVISIONS | | | |
|-----------|----------------------------|----------|----------|
| LTR | DESCRIPTION | DATE | APPROVED |
| - | RELEASED PER E.O. # D-1122 | | |
| A | REVISED PER E.O. # D-1446 | | |
| B | REVISED PER E.O. # D-2209 | 4/15/89 | 36 |
| C | REV. PER E.O. D-2502 | 8/84 | 4-6 |
| D | REV. PER E.O. D-2865 | 12/14/89 | 245 |



SPECIFICATION CONTROL DRAWING

| | | | | |
|-------------------------------------------------------------------------------------------|-------|----------|-------------------------------------------------------------------------------|-----------------|
| DRAWN | terry | 10-27-82 | Tyco Electronics Corporation 300 Chesham Drive Menlo Park, CA 94025 USA | |
| CHECKED | | | TITLE | |
| APPROVED | | | TRIAXIAL SOCKET CONTACT MIL-C-38999 SIZE 8 TWINAXIAL CABLE | |
| APPROVED | | | SIZE | CODE IDENT. NO. |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN PARENTHESES | | | C | 06090 |
| DO NOT SCALE THIS DRAWING | | | DWG NO. | D-602-1112 |
| | | | WEIGHT | SHEET OF |