

NOTES:

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

MATERIAL AND FINISH

- [1] BRASS ALLOY PER ASTM B 16M, GOLD PLATED PER ASTM B 488
- [2] POLYETHERIMIDE RESIN
- [3] SHIELDED CONTACT, SOCKET MATERIALS AND FINISHES AS SPECIFIED ON D-602-45 SCD

2. **CAVITY ACCOMMODATION:** PIN 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 TRIAXIAL CABLE 5026A5III, 5028D53I2, RG 403/U OR EQUIVALENT TO OUTER PIN HOUSING ASSEMBLY, AFTER CENTER CONDUCTOR & INNER SHIELD HAVE BEEN TERMINATED TO D-602-45 SHIELDED SOCKET CONTACT.

4. **MATING CONNECTOR:** THIS CONNECTOR WILL MATE WITH D-602-1110

5. SEE PROCEDURE ES 61172 FOR CABLE ACCOMMODATION AND TERMINATION PROCEDURE DETAIL

6. TRIAXIAL PIN CONTACT SHALL CONSIST OF OUTER PIN HOUSING ASSEMBLY, D-602-45 SHIELDED CONTACT, SOCKET COAXIAL CABLE 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 MAX.
MIDDLE 8 MILLIOHM MAX.
OUTER 60 MILLIOHM MAX.

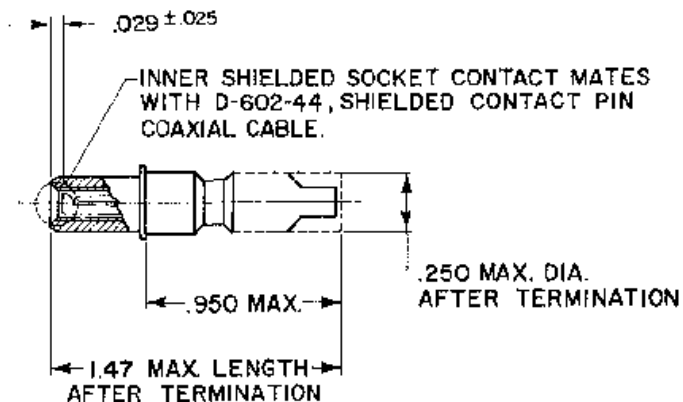
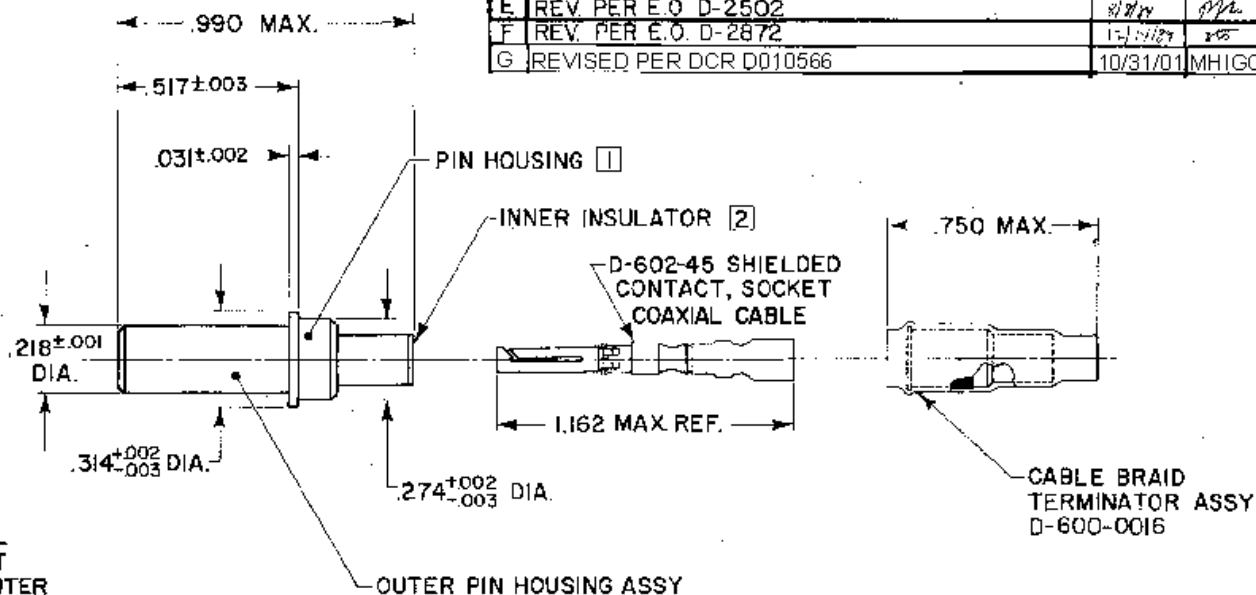
INSULATION RESISTANCE: 5.0 GIGAOHM MINIMUM

SOCKET ENGAGEMENT AND SEPARATION FORCE:

	ENGAGE (max)	SEPARATE (min)
INNER SOCKET	16 oz	1.75oz

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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
E	REV. PER E.O. D-2502	8/11/99	MM
F	REV. PER E.O. D-2872	12-1-1999	MS
G	REVISED PER DCR D010566	10/31/01	MHIGGY



SPECIFICATION CONTROL DRAWING

DRAWN	B.DEASY 10-23-81	tyco	Tyco Electronics Corporation 300 Constitutional Drive Menlo Park, CA 94025 USA	Raychem
CHECKED		Electronics		
APPROVED	<i>[Signature]</i> 10/28/99	TITLE TRIAXIAL PIN CONTACT MIL-C-38999 SIZE 8 TRIAXIAL CABLE		
APPROVED	<i>[Signature]</i> 10/28/01	SIZE	CODE IDENT NO	DWG NO
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN PARENTHESIS		C	06090	D-602-1111
DO NOT SCALE THIS DRAWING			WEIGHT	SHEET OF