

NOTES:

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

MATERIAL AND FINISH

- 1 BRASS ALLOY PER QQ-B-626, GOLD PLATED
PER MIL-G-45204
- 2 POLYETHERIMIDE RESIN
- 3 SHIELDED CONTACT, SOCKET MATERIALS AND
FINISHES AS SPECIFIED ON D-602-0127 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 DATA
BUS CABLES 10605, 10613, 10614, AND EPD 6499 OR
EQUIVALENT, TO OUTER PIN HOUSING ASSEMBLY, AFTER
INNER CONDUCTORS HAVE BEEN TERMINATED
TO D-602-0127 SHIELDED SOCKET CONTACT.

4. MATING CONNECTOR: THIS CONNECTOR WILL MATE
WITH D-602-III2

5. SEE PROCEDURE ES 61184 FOR CABLE ACCOMMODATION
AND TERMINATION PROCEDURE DETAIL

6. TRIAXIAL PIN CONTACT SHALL CONSIST OF OUTER PIN HOUSING
ASSEMBLY, D-602-0127 SHIELDED CONTACT SOCKET, 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

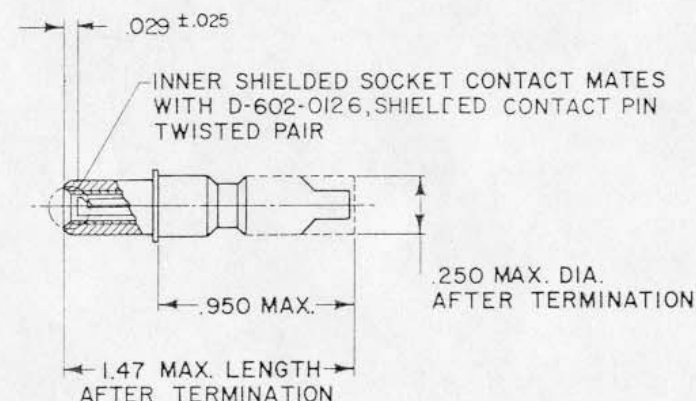
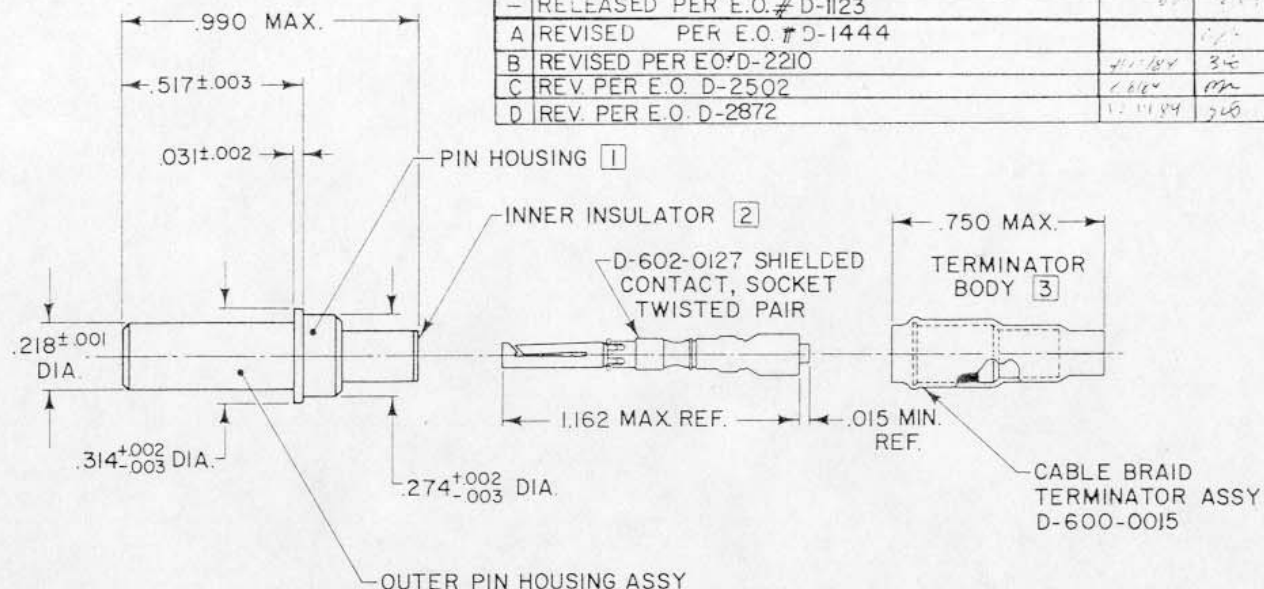
INSULATION RESISTANCE: 5.0 GIGAOHM MINIMUM

SOCKET ENGAGEMENT AND SEPARATION FORCE:

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

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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED PER E.O. # D-1123		
A	REVISED PER E.O. # D-1444		
B	REVISED PER E.O. # D-2210	4/11/84	34
C	REV. PER E.O. D-2502	1/6/84	112
D	REV. PER E.O. D-2872	1/11/84	240



SPECIFICATION CONTROL DRAWING

DRAWN	terry	10-27-82	tyco Electronics		Tyco Electronics Corporation 300 Constitutional Drive Menlo Park, CA 94025 USA		Raychem	
CHECKED			TITLE					
APPROVED			TRIAXIAL PIN CONTACT MIL-C-38999 SIZE 8 TWINAXIAL CABLE					
APPROVED								
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN PARENTHESIS			SIZE	CODE IDENT. NO	DWG NO			
			C	06090	D-602-III3			
DO NOT SCALE THIS DRAWING			WEIGHT			SHEET	OF	

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TE Connectivity:

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