

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 10602 AND 10595, 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-602-1109

5. SEE PROCEDURE ES 61172 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 MAX.
MIDDLE 8 MILLIOHM MAX.
OUTER 60 MILLIOHM MAX.

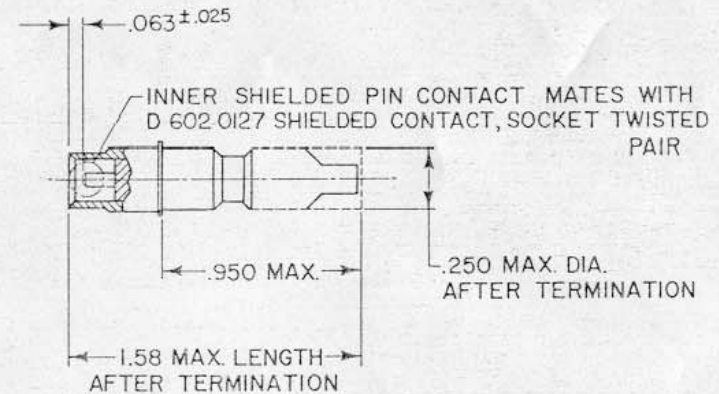
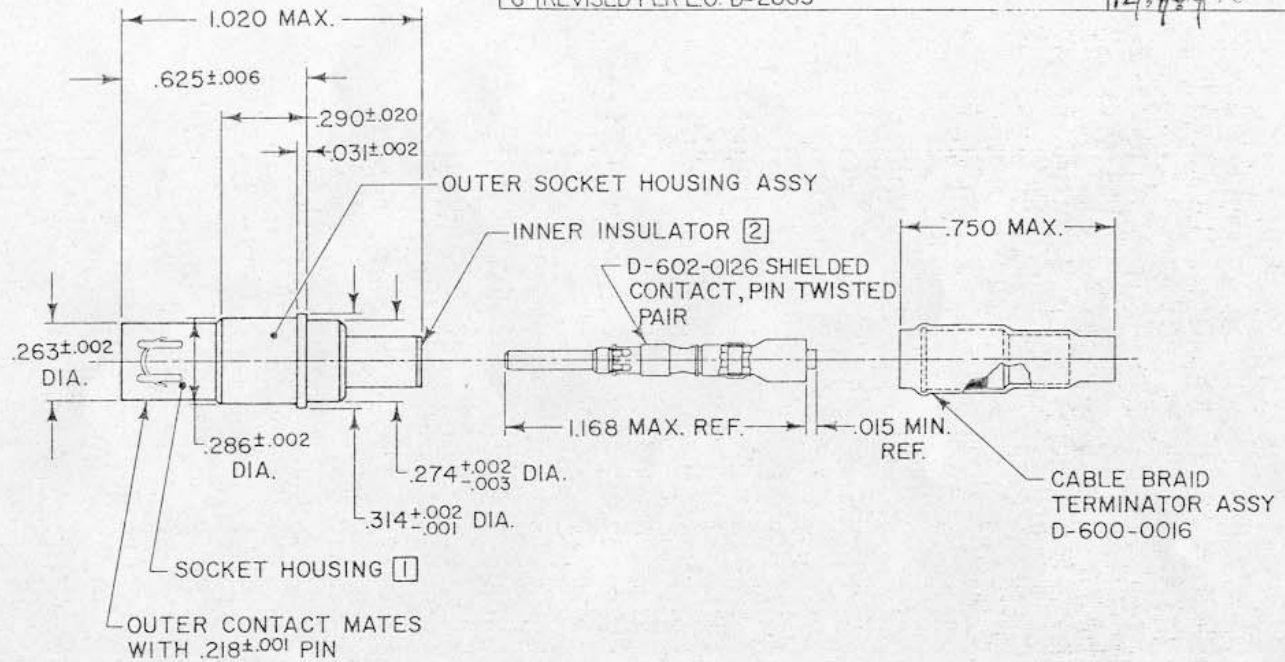
INSULATION RESISTANCE: 5.0 GIGAOHM MINIMUM

SOCKET ENGAGEMENT AND SEPARATION FORCE:

	ENGAGE (max)	SEPARATE (min)
OUTER SOCKET	48 oz	4 oz
INNER SOCKET	6.0 oz	0.5 oz

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REVISIONS		
LTR	DESCRIPTION	DATE
G	REVISED PER E.O. D-2865	12/14/94



SPECIFICATION CONTROL DRAWING

DRAWN	Storlie	9 APR '81	tyco Electronics	Tyco Electronics Corporation 300 Constitutional Drive Menlo Park, CA 94025 USA	Raychem
CHECKED			TITLE		
APPROVED	J. J. J.	7-23-81	TRIAXIAL SOCKET CONTACT		
APPROVED	JL	7/29/41	MIL-C-38999 SIZE 8		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN PARENTHESIS			SIZE	CODE IDENT. NO.	DWG. NO.
DO NOT SCALE THIS DRAWING			C	06090	D-602-1108
			WEIGHT	SHEET OF	