



CONTACT CHARACTERISTICS

MATERIALS:

- A. CONTACTS: INNER-COPPER ALLOY, GOLD PLATED PER MIL-G-45204 OVER NICKEL UNDERPLATE
 OUTER-COPPER ALLOY, SELECTIVELY GOLD PLATED PER MIL-G-45204 AND TIN PLATED PER MIL-T-10727 OVER NICKEL UNDERPLATE.
- B. SOLDER: SN 63 PER QQ-S-571
- C. TUBING: POLYVINYLIDENE FLUORIDE
- D. DIELECTRIC: FLUOROPOLYMER

PERFORMANCE:

- A. MAXIMUM OPERATING TEMPERATURE: 125° C.
- B. HIGH POTENTIAL, RATED, SEA LEVEL: 600 VRMS AT 60 Hz.
- C. CURRENT RATING: 3 AMPS MAX.
- D. INSULATION RESISTANCE: 5 GIGAOHMS MIN.
- E. CONTACT RESISTANCE: 12 MILLIOHMS MAX.
- F. CONTACT RETENTION IN CONNECTOR: 18 LBS.(8.1 KILOGRAMS) MIN.
- G. ENGAGEMENT FORCE, OUTER SOCKET: 10.0 OZ.(280 GRAMS) MAX.
 [.074 (1,880) DIA. PIN.]
 SEPARATION FORCE, OUTER SOCKET: 0.75 OZ.(21 GRAMS) MIN.
 [.072 (1,829) DIA. PIN.]

NOTES

1. THIS CONTACT IS DESIGNED TO TERMINATE TO THE CABLES IN THE FOLLOWING TABLE:

RG CABLE NO.	RAYCHEM CABLE NO.
RG-174 U	5024A IXIX
RG-178 B/U	5028A IXIX
RG-179 B/U	5030A IXIX
RG-316 U	7528 A IXIX
	7530A IXIX
	9532 A IXIX

OTHER APPLICATIONS SHOULD BE SUBMITTED TO RAYCHEM FOR EVALUATION.

- 2. FOR TERMINATION PROCEDURE SEE ES 61170
- 3. MATING CONTACT (FOR SIMILAR CABLES): D-602-0278
- 4. THIS CONTACT IS DESIGNED TO BE USED IN THE CAVITY DETAILED ABOVE.

SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BRACKETED DIMENSIONS () ARE METRIC AND TOLERANCES ARE:	DRAWN	CERDAN	3-12-85	 Tyco Electronics Corporation 300 Constitutional Drive Menlo Park, CA 94025 USA
	CHECKED			
	APPROVED	3-12	6-11-85	
	APPROVED			
xxx ± () xx ± () Δ ±				TITLE SUBMINIATURE COAX CONTACT SOCKET
	SIZE	CODE IDENT	DWG NO	
	C	NO. 06090	D-602-0279	
		WEIGHT		SHEET 1 OF 1

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DO NOT SCALE THIS DRAWING