



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.
[.074 (1,880) DIA. PIN.]
- G. ENGAGEMENT FORCE, OUTER SOCKET: 10.0 OZ. (280 GRAMS) MAX.
[.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
	7530 A 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: xxx ± () xx ± () Δ ± ()	DRAWN	CERDAN	3-1285	tyco Electronics Tyco Electronics Corporation 300 Constitutional Drive Menlo Park, CA 94025 USA Raychem
	CHECKED			
	APPROVED	3/1/85	6/11/85	
	APPROVED			
TITLE				SUBMINIATURE COAX CONTACT SOCKET
SIZE	CODE IDENT	DWG NO		
C	NO 06090	D-602-0279		
DO NOT SCALE THIS DRAWING				WEIGHT — SHEET 1 OF 1