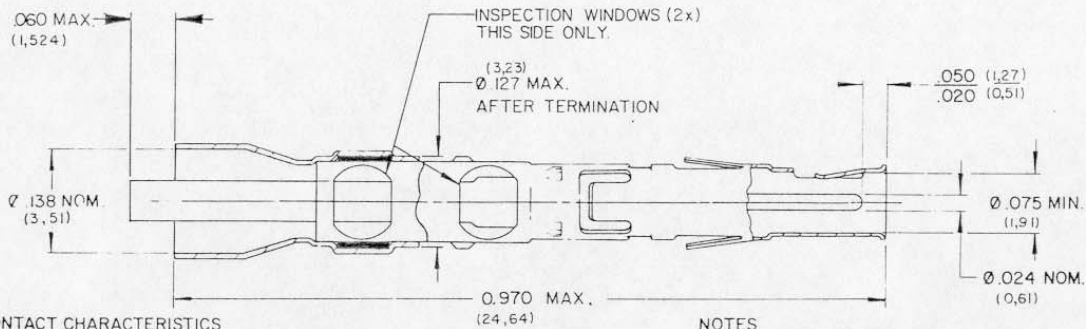


ZONE		DESCRIPTION	DATE	APPROVED
---	---	RELEASED PER E.C.N. T-13072	11/20/88	H. H. H.
---	A	REVISED PER E.C.N. T-8367	01/1/88	...
---	B	REVISED PER E.C.N. T-13072	07/10/88	H. H. H.



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

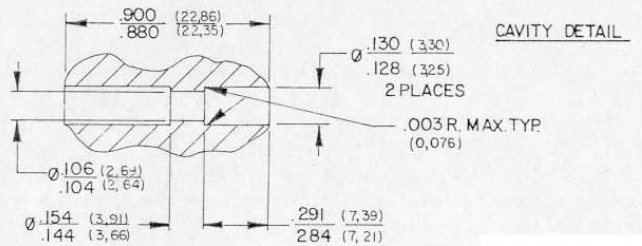
D. DIELECTRIC: FLUCROFOLYMER

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 WIRES 30 THRU 24 AWG. MAX. INSULATION .054 (1.37) DIA.. OTHER APPLICATIONS SHOULD BE SUBMITTED TO RAYCHEM FOR EVALUATION.
2. FOR TERMINATION PROCEDURE SEE ES 61414
3. MATING CONTACT (FOR SIMILAR WIRE): D-602-0288.
4. THIS CONTACT IS DESIGNED TO BE USED IN THE CAVITY DETAILED BELOW.



SPECIFICATION CONTROL DRAWING

DATE	2-26-86	DESIGNED BY	terry	APPROVED BY	...
DATE	11-18-88	DESIGNED BY	...	APPROVED BY	...
DATE	11-18-88	DESIGNED BY	...	APPROVED BY	...
DATE	11-18-88	DESIGNED BY	...	APPROVED BY	...
DATE	11-18-88	DESIGNED BY	...	APPROVED BY	...
tyco Electronics Corporation 200 Commercial Drive Menlo Park, CA 94025 USA		Raychem		SUBMINIATURE CONTACT SOCKET TWISTED PAIR	
C		D-602-0289		...	