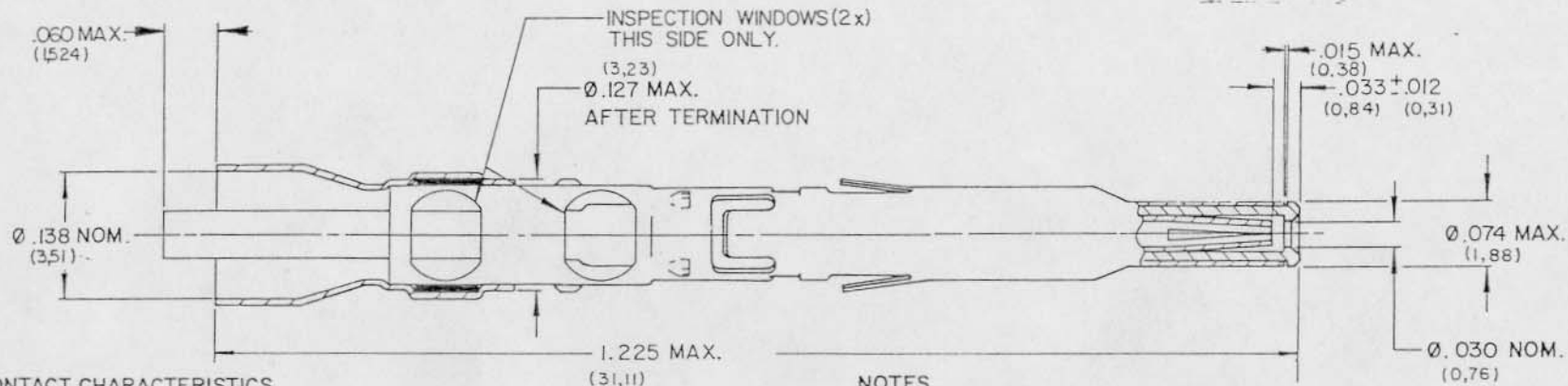


REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	N/C	RELEASED PER E.C.N. T- 06126	3/7/86	M. H. Ggg
	A	REVISED PER E.C.N. T-8367	6/25/87	345
	B	REVISED PER ECN T-13072	8/1/90	M. H. Ggg
	C	REVISED PER ECN T-017007	9/21/16	M. H. Ggg



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, INNER SOCKET: 8.0 OZ. (224 GRAMS) MAX.

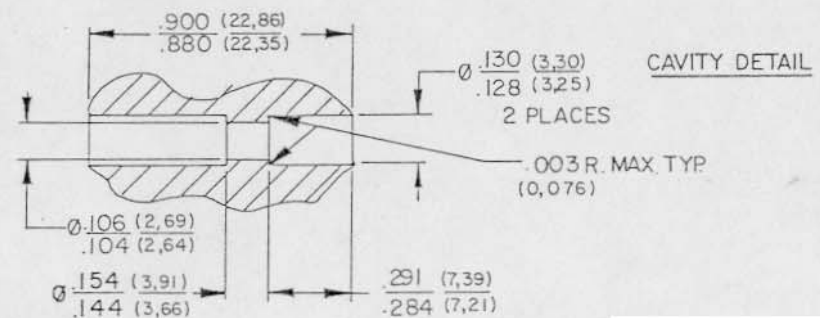
[.025(0,635) DIA. PIN]

SEPARATION FORCE, INNER SOCKET: 0.5 OZ. (14 GRAMS) MIN.

[.023(0,584) DIA. PIN]

NOTES

1. THIS CONTACT IS DESIGNED TO TERMINATE TO WIRES OF 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 6141.
3. MATING CONTACT (FOR SIMILAR WIRE): D-602-0289.
4. THIS CONTACT IS DESIGNED TO BE USED IN THE CAVITY DETAILED BELOW.



SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BRACKETED DIMENSIONS ( ) ARE METRIC AND TOLERANCES ARE:	DRAWN	terry	2-25-86	<b>tyco</b> Electronics Tyco Electronics Corporation 300 Constitutional Drive Menlo Park, CA 94025 USA <b>Raychem</b>	
	CHECKED	M. H. Ggg	3/6/86		
	APPROVED	M. H. Ggg	2/6/86		
	APPROVED	Stallone	3-7-86		
XXX ± ( )	TITLE			SUBMINIATURE CONTACT, PIN TWISTED PAIR	
.XX ± ( )	SIZE	CODE IDENT	DWG. NO.		
.Δ ±	C	NO. 06090	D-602-0288		
DO NOT SCALE THIS DRAWING				WEIGHT	SHEET 1 OF 1

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