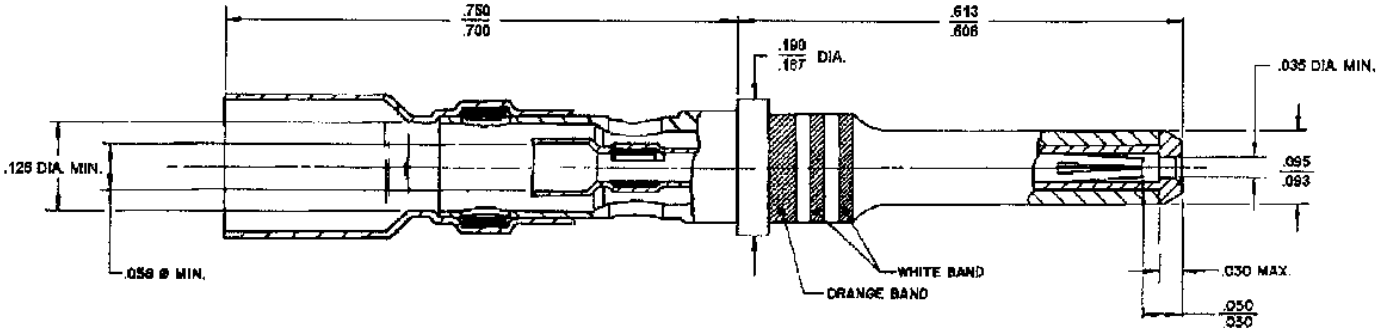
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	E	REDRAWN & REVISED DCO# 01823	80 AUG 1	Z. TEMAN
	F	REVISED PER EO# D-0623	82 JUL 23	Z. TEMAN
	G	REVISED PER EO D-1027	82 DEC 13	R. MC CRAE
	H	REVISED PER ECN# T-7641	87 FEB 11	M. HIGGY
	J	REVISED PER ECN# T-19569	92/11/2	M. Higgy



CABLE APPLICATION	
RG CABLE	RAYCHEM CABLE
RG 180	9528AIXIX 9528AIX2X

REQUIREMENTS:

1a. CONTACT MATERIAL: COPPER ALLOY PER QQ-B-626 & QQ-C-530
1b. INSULATOR MATERIAL: FLUOROPOLYMER
2. PLATING: GOLD PER MIL-G-45204, NICKEL, PER QQ-N-290, OVER COPPER.
3. MAXIMUM OPERATING TEMPERATURE: 130° C..
4. PERFORMANCE REQUIREMENTS PER MIL-C-39029 EXCEPT AS FOLLOWS:
   A. THERMAL SHOCK: THE HIGH TEMPERATURE FOR THIS TEST SHALL BE 130° C. (MIL-STD-202, METHOD 107, TEST CONDITION A, STEP 3)
   B. TENSILE STRENGTH: FOR COAX-COMBINED INNER AND OUTER: 15 LBS. (OR TENSILE STRENGTH OF COAX CABLE)
   C. CONTACT RESISTANCE, INNER; 10 MILLIOHMS MAX., OUTER; 6 MILLIOHMS MAX. (EXCLUDING WIRE RESISTANCE).
   D. DIELECTRIC WITHSTANDING VOLTAGE: 900 VOLTS RMS MINIMUM.
   E. INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM.
   F. ENGAGEMENT FORCE, INNER SOCKET: 16 OZ. MAXIMUM.
   G. SEPARATION FORCE, INNER SOCKET: 0.5 OZ. MINIMUM.

NOTES:

1. THIS CONTACT IS DESIGNED FOR USE IN MIL-C-83723, SERIES 3, TYPE B CONNECTORS.
2. ⚠2 THIS CONTACT IS DESIGNED TO ACCOMMODATE RG 180/U OR EQUIVALENT. OTHER APPLICATIONS SHOULD BE SUBMITTED TO RAYCHEM FOR EVALUATION.
3. INSERTION-EXTRACTION TOOL: M83723-31-12 OR MS27534-12
4. FOR ADDITIONAL REQUIREMENTS SEE MIL-C-39029/74
5. FOR TERMINATION PROCEDURE SEE RAYCHEM SPECIFICATION ES 61154.
6. MATING CONTACT (FOR SIMILAR CABLES): D-602-0107.

CONNECTOR SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BRACKETED DIMENSIONS [ ] ARE METRIC AND TOLERANCES ARE:
.XXX: ± [ ]
.XX: ± [ ]
.X: ±

DRAWN	B. DEASY	7-28-80
CHECKED		
APPROVED		
APPROVED		
APPROVED		
CAD NAME	602-0106.PCX	

tyco Electronics Corporation, 300 Constitution Drive, Menlo Park, CA 94025 USA — Raychem

TITLE: CONTACT, COAXIAL, PIN

SIZE	CODE IDENT	DWG. NO.
A	NO. 66080	D-602-0106

WEIGHT 1.5 G. MAX. SHEET 1 OF 1

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DO NOT SCALE THIS DRAWING