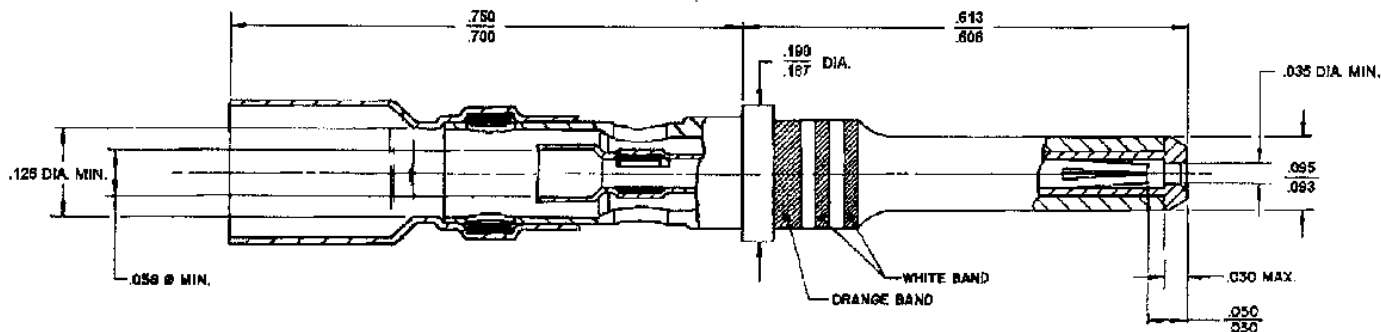


REVISIONS			
ZONE	LTR	DESCRIPTION	DATE
	E	REDRAWN & REVISED DCD# 01823	80 AUG 1
	F	REVISED PER EOB D-0623	82 JUL 23
	G	REVISED PER EO D-1027	82 DEC 13
	H	REVISED PER ECN# T-7641	87 FEB 11
	J	REVISED PER ECN# T-19569	94/11/2
		APPROVED	
		Z. TEMAN	
		R. MC CRAE	
		M. HIGGY	



CABLE APPLICATION	
RG CABLE	RAYCHEM CABLE
RG 180	952BA1X1X 952BA2X2X

REQUIREMENTS:

- CONTACT MATERIAL: COPPER ALLOY PER QQ-B-626 & QQ-C-630
- INSULATOR MATERIAL: FLUOROPOLYMER
- PLATING: GOLD PER MIL-G-45204, NICKEL, PER QQ-N-290, OVER COPPER.
- MAXIMUM OPERATING TEMPERATURE: 150° C.
- PERFORMANCE REQUIREMENTS PER MIL-C-39029 EXCEPT AS FOLLOWS:
 - THERMAL SHOCK: THE HIGH TEMPERATURE FOR THIS TEST SHALL BE 130° C. (MIL-STD-202, METHOD 107, TEST CONDITION A, STEP 3)
 - TENSILE STRENGTH: FOR COAX-COMBINED INNER AND OUTER: 15 LBS. (OR TENSILE STRENGTH OF COAX CABLE)
 - CONTACT RESISTANCE, INNER: 6 MILLIOHMS MAX., OUTER: 6 MILLIOHMS MAX. (EXCLUDING WIRE RESISTANCE)
 - DIELECTRIC WITHSTANDING VOLTAGE: 900 VOLTS RMS MINIMUM.
 - INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM.
 - ENGAGEMENT FORCE, INNER SOCKET: 16 OZ. MAXIMUM.
 - SEPARATION FORCE, INNER SOCKET: 0.5 OZ. MINIMUM.

NOTES:

- THIS CONTACT IS DESIGNED FOR USE IN MIL-C-83725, SERIES 3, TYPE B CONNECTORS.
- THIS CONTACT IS DESIGNED TO ACCOMMODATE RG 180/U OR EQUIVALENT. OTHER APPLICATIONS SHOULD BE SUBMITTED TO RAYCHEM FOR EVALUATION.
- INSERTION-EXTRACTION TOOL: M83723-3F-12 OR MS27534-12
- FOR ADDITIONAL REQUIREMENTS SEE MIL-C-39029/M
- FOR TERMINATION PROCEDURE SEE RAYCHEM SPECIFICATION ES 61134.
- MATING CONTACT (FOR SIMILAR CABLES): D-802-0107.

CONNECTOR SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BRACKETED DIMENSIONS () ARE METRIC AND TOLERANCES ARE:	DRAWN	B. DEASY	7-28-80	tyco Tyco Electronics Corporation 200 Continental Drive Maita Park, CA 94025 USA Raychem	
	CHECKED				
	APPROVED				
	APPROVED				
.XXX: ± () .XX: ± () .X: ± ()	CAD NAME	602-0106.PCX	SIZE	CODE IDENT	DWG. NO.
			A	H3. 00000	D-602-0106
					WEIGHT 15 G. MAX. SHEET 1 OF 1