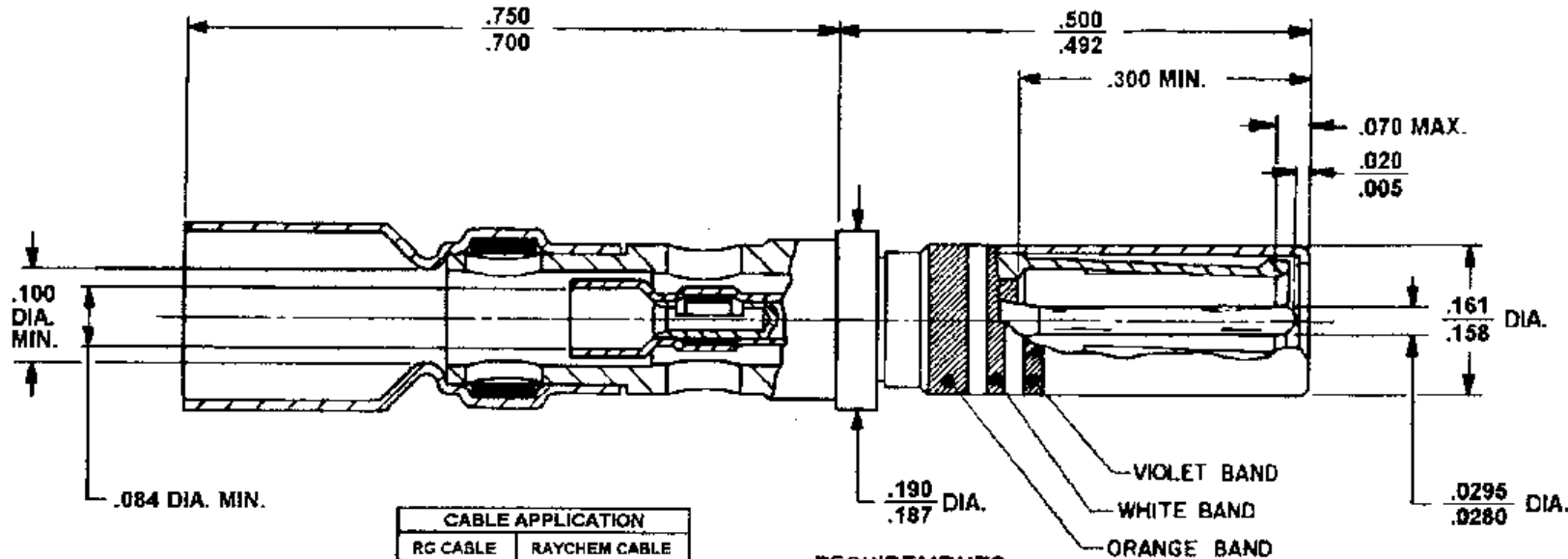


		REVISIONS		
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	J	REVISED PER ECN# T-7641	87FEB2	M. HIGGY
	K	REVISED PER ECN# T-18725	93 NOV	M. HIGGY
	L	REVISED PER ECN# T-19569	94/11	<i>H. HIGGY</i>



CABLE APPLICATION	
RG CABLE	RAYCHEM CABLE
RG 174 U	5024 AIXIX
RG 179 B/U	7628 AIXIX
RG 179 B/U	8530 AIXIX
RG 316 U	8632 AIXIX

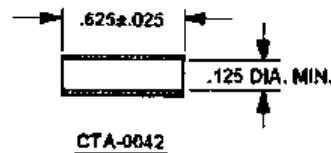
OTHER APPLICATIONS SHOULD BE SUBMITTED TO RAYCHEM FOR EVALUATION.

REQUIREMENTS:

- CONTACT MATERIAL: COPPER ALLOY, PER QQ-B-626 & QQ-C-530.
- INSULATOR MATERIAL: FLUOROPOLYMER
- PLATING: GOLD PER MIL-G-45204, NICKEL, PER QQ-N-290, OVER COPPER.
- MAXIMUM OPERATING TEMPERATURE: 130°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: 10 MILLIOHMS MAX., INNER; 8 MILLIOHMS MAX. (EXCLUDING WIRE RESISTANCE)
 - DIELECTRIC WITHSTANDING VOLTAGE: 900 VOLTS RMS MINIMUM.
 - INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM.
 - ENGAGEMENT FORCE, OUTER SOCKET: 30 OZ. MAXIMUM.
 - SEPARATION FORCE, OUTER SOCKET: 3.0 OZ. MINIMUM.

NOTES:

- THIS CONTACT IS DESIGNED FOR USE IN MIL-C-83723, SERIES 3, TYPE B CONNECTORS.
- THIS CONTACT IS DESIGNED TO TERMINATE THE CABLES IN THE ABOVE TABLE.
- INSERTION-EXTRACTION TOOL: M83723-31-12 OR MS 27534-12
- FOR ADDITIONAL REQUIREMENTS SEE MIL-C-39029/73.
- FOR TERMINATION PROCEDURE SEE RAYCHEM SPECIFICATION ES 61128.
- MATING CONTACT (FOR SIMILAR CABLES): D-602-0094
- TO ACHIEVE AN ENVIRONMENTAL SEAL IN A MIL-C-83723 CONNECTOR, USING RG-778 CABLE, INSTALL RAYCHEM PART NO. CTA-0042 IMMEDIATELY ADJACENT TO THE END OF THE METALLIC BODY.



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Check for the latest revision.

DO NOT SCALE THIS DRAWING

CONNECTOR SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BRACKETED DIMENSIONS () ARE METRIC AND TOLERANCES ARE	DRAWN	B. DEASY	3-26-80	tyco Electronics Raychem	Type Electronics Corporation 308 Constitutional Drive Menlo Park, CA 94025 USA
	CHECKED				
XXX: () .XX: () Δ: ()	APPROVED			TITLE	CONTACT, COAXIAL SOCKET
	APPROVED	<i>H</i>	<i>3/27/80</i>		
	APPROVED				
	CAD NAME	602-0085.PCX		SIZE	A
				CODE IDENT	NO. 08080
				DWG. NO.	D-602-0095
				WEIGHT	1.34 GRAMS MAX.
				SHEET	1 OF 1