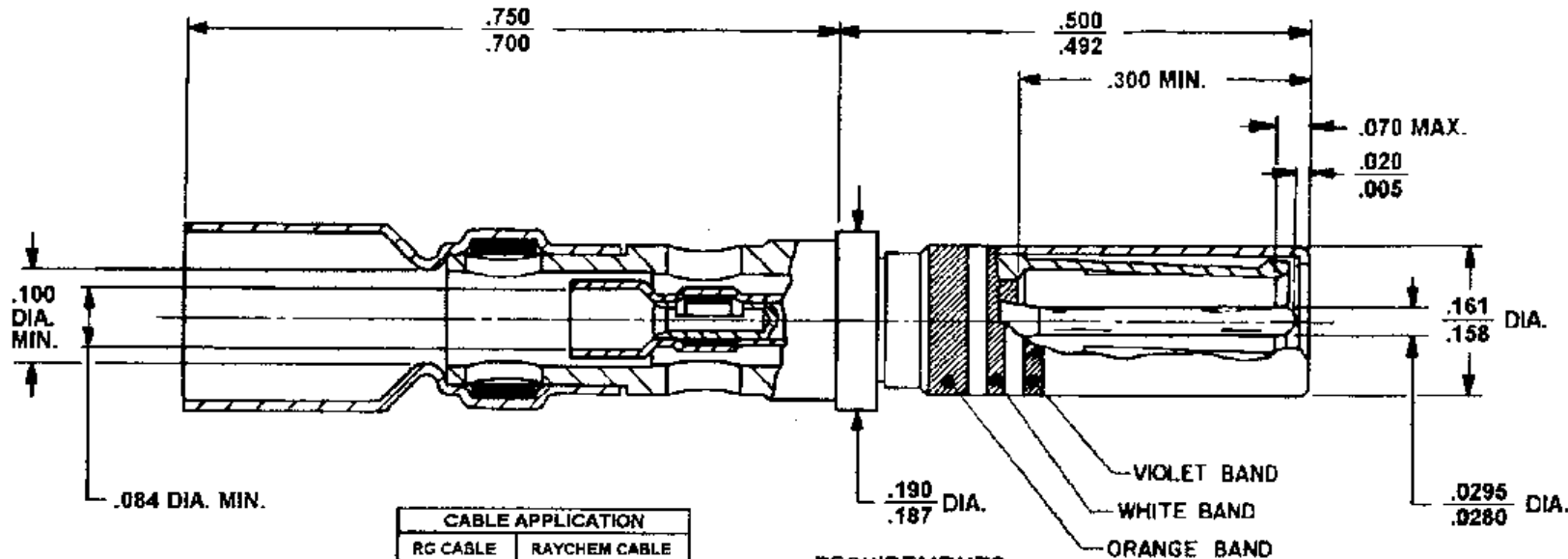


ZONE		REVISIONS		DATE	APPROVED
	J	REVISED PER ECN# T-7641		87FEB2	M. HIGGY
	K	REVISED PER ECN# T-18725		83 NOV	M. HIGGY
	L	REVISED PER ECN# T-19569		94/11	<i>H. HIGGY</i>



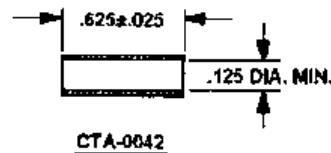
CABLE APPLICATION	
RG CABLE	RAYCHEM CABLE
RG 174 U	5024 AIXIX
RG 179 B/U	7628 AIXIX
RG 179 B/U	8530 AIXIX
RG 316 U	8632 AIXIX
OTHER APPLICATIONS SHOULD BE SUBMITTED TO RAYCHEM FOR EVALUATION.	

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 M827534-12
- FOR ADDITIONAL REQUIREMENTS SEE MIL-C-39029/73.
- FOR TERMINATION PROCEDURE SEE RAYCHEM SPECIFICATION ES61128.
- MATING CONTACT (FOR SIMILAR CABLES): D-602-0094
- TO ACHIEVE AN ENVIRONMENTAL SEAL IN A MIL-C-83723 CONNECTOR, USING RG-77B CABLE, INSTALL RAYCHEM PART NO. CTA-0042 IMMEDIATELY ADJACENT TO THE END OF THE METALLIC BODY.



CTA-0042

If this document is printed it becomes uncontrolled.
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 300 Constitutional Drive Menlo Park, CA 94025 USA	
	CHECKED				TITLE	
	APPROVED			CONTACT, COAXIAL SOCKET		
	APPROVED	<i>H.</i>	<i>3/27/80</i>			
	CAD NAME	602-0085.PCX	SIZE	CODE IDENT	DWG. NO.	
			A	NO. 08080	D-602-0095	
			WEIGHT 1.34 GRAMS MAX.		SHEET 1 OF 1	