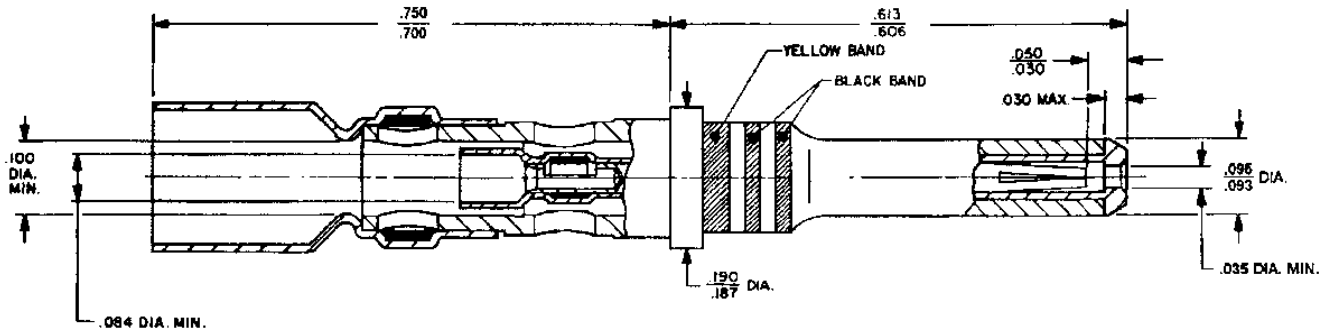


ZONE	LTR	DESCRIPTION	DATE	APPROVED
D		REDRAWN AND REVISED DCO# 01547		307
E		ADDED NOTE 7, DCO# 01781	7/1/82	309
F		REVISED PER E.O. D-1023	1-11-84	10
G		REVISED PER ECN T-06100	1-17-84	R. HIGBY
H		REVISED PER ECN T-7641	11-18-84	R. HIGBY
J		REVISED PER ECN# T-18724		R. HIGBY
K		REVISED PER ECN# T-19569		R. HIGBY



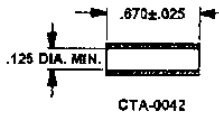
CABLE APPLICATION	
RG CABLE	RAYCHEM CABLE
RG 174 U	5024 AXIX
RG 178 B/U	7528 AXIX
RG 179 B/U	9530 AXIX
RG 316 U	9532 AXIX
OTHER APPLICATIONS SHOULD BE SUBMITTED TO RAYCHEM FOR EVALUATION.	

REQUIREMENTS:

1. 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: 10 MILLIOHMS MAX., INNER; 8 MILLIOHMS MAX., OUTER (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. THIS CONTACT IS DESIGNED TO TERMINATE TO THE CABLES IN THE ABOVE TABLE.
3. INSERTION-EXTRACTION TOOL: MB3723-3F-12 OR MS 27534-12.
4. FOR ADDITIONAL REQUIREMENTS SEE MIL-C-39029/74
5. FOR TERMINATION PROCEDURE SEE RAYCHEM SPECIFICATION ES8129
6. MATING CONTACT (FOR SIMILAR CABLES): D-602-0095.
7. TO ACHIEVE AN ENVIRONMENTAL SEAL IN A MIL-C-83723 CONNECTOR, USING RG-178 CABLE, INSTALL RAYCHEM PART NO. CTA-0042 IMMEDIATELY ADJACENT TO THE END OF THE METALLIC BODY.



CTA-0042

DO NOT SCALE THIS DRAWING

CONNECTOR SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BRACKETED DIMENSIONS () ARE METRIC AND TOLERANCES ARE: XX () XX () Δ ()	DRAWN	B. DEASY	3-19-80	 Raychem <small>Raychem Corporation 300 Conneland Drive Mills Park, CA 94021 USA</small>
	CHECKED			
	APPROVED			
	APPROVED	L. VANDERKAM	8 MAY 87	
TITLE				CONTACT, COAXIAL PIN
CAD NAME		602-0094.PCX	SIZE	CODE IDENT
		503-029	A	NO. 08000
			DWG. NO.	D-602-0094
			WEIGHT	1.30 GRAMS MAX.
			SHEET 1 OF 1	

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[10P](#) [AIC12-14P](#) [AIC16-16PG](#) [AIC16-2024SG](#) [AIC16S-16PG](#) [AIC8-12P](#) [AIC8-12S](#) [AIC8-8SG](#) [1495044-1](#) [MS3101F22-22SF187](#) [162GB-](#)
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[21-033012-001](#) [21-033122-546](#) [21-033122-563](#) [21-033190-071](#) [21-033198-003](#) [21-033198-010](#) [21-033385-071](#)