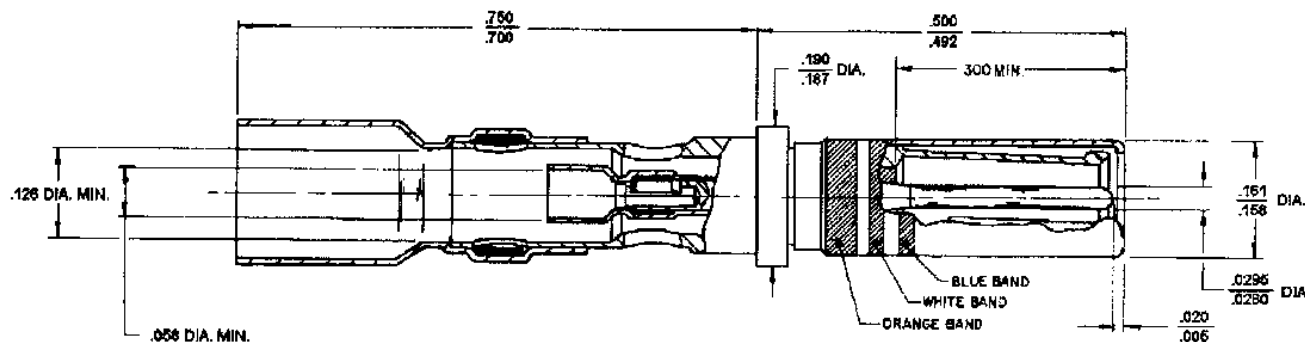


REVISIONS			
ZONE/LTR	DESCRIPTION	DATE	APPROVED
J	REVISED PER ECN# T-7641	2/11/87	M. HIGGY
X	REVISED PER ECN# T-18589	04/11/88	H. HIGGY



CABLE APPLICATION	
RG CABLE NO.	RAYCHEM CABLE NO.
RG-180	9528A1X1X 9528A1A2X

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: 300 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 ACCOMMODATE RG 180/U OR EQUIVALENT OTHER APPLICATIONS SHOULD BE SUBMITTED TO RAYCHEM FOR EVALUATION.
- INSERTION-EXTRACTION TOOL: M63723-3-12 OR M627534-12
- FOR ADDITIONAL REQUIREMENTS SEE MIL-C-39029/73.
- FOR TERMINATION PROCEDURE SEE RAYCHEM SPECIFICATIONS 81134.
- MATING CONTACT (FOR SIMILAR CABLES): D-602-0106

CONNECTOR SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BRACKETED DIMENSIONS () ARE METRIC AND TOLERANCES ARE:		DRAWN B. DEASY 7-25-80		Tyco Electronics Corporation 300 Continental Drive Mesa, PA, CA 90251 U.S.A.		Raychem	
.XXR ± () .XX ± () .A ± ()		CHECKED APPROVED <i>5-6</i> APPROVED <i>4/1</i> APPROVED		TITLE CONTACT, COAXIAL, SOCKET			
DO NOT SCALE THIS DRAWING		CAD NAME 602-0107.PCX		SIZE C		CODE IDENT NO. 08090	
				DWG. NO. D-602-0107		WEIGHT (5 G. MAX.) SHEET 1 OF 1	