



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

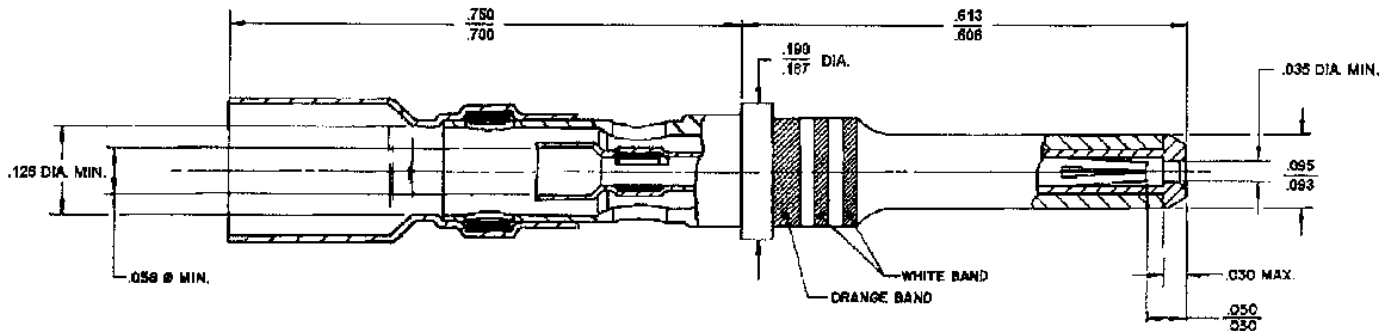
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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	E	REDRAWN & REVISED DCO# 01823	80 AUG 1	Z. TEMAN
	F	REVISED PER EO# D-0623	82 JUL 23	Z. TEMAN
	G	REVISED PER EO D-1027	82 DEC 13	R. MC CRAE
	H	REVISED PER ECN# T-7641	87 FEB 11	M. HIGGY
	J	REVISED PER ECN# T-19569	98/11/2	<i>[Signature]</i>



CABLE APPLICATION	
RG CABLE	RAYCHEM CABLE
RG 180	952BA1XIX 952BAK2X

#### REQUIREMENTS:

- 1a. CONTACT MATERIAL: COPPER ALLOY PER QQ-B-826 & QQ-C-630
- 1b. INSULATOR MATERIAL: FLUOROPOLYMER
2. PLATING: GOLD PER MIL-G-43204, 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, INNER: 10 MILLIOHMS MAX., OUTER: 6 MILLIOHMS MAX. (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-83725, SERIES 3, TYPE B CONNECTORS.
2. THIS CONTACT IS DESIGNED TO ACCOMMODATE RG 180/0 OR EQUIVALENT. OTHER APPLICATIONS SHOULD BE SUBMITTED TO RAYCHEM FOR EVALUATION.
3. INSERTION-EXTRACTION TOOL: M83723-3F-12 OR MS27534-12
4. FOR ADDITIONAL REQUIREMENTS SEE MIL-C-39029/74
5. FOR TERMINATION PROCEDURE SEE RAYCHEM SPECIFICATION ES 6134.
6. MATING CONTACT (FOR SIMILAR CABLES): D-602-0107.

#### CONNECTOR SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BRACKETED DIMENSIONS ( ) ARE METRIC AND TOLERANCES ARE:	DRAWN	B. DEASY	7-28-80	Raychem Tyco Electronics Corporation 200 Continental Drive Menlo Park, CA 94025 USA	TITLE <b>CONTACT, COAXIAL, PIN</b>
	CHECKED				
	APPROVED	<i>[Signature]</i>	<i>[Signature]</i>		
	APPROVED	<i>[Signature]</i>	<i>[Signature]</i>		
	CAD NAME	602-0106.PCX	SIZE	CODE IDENT	DWG. NO.
			A	NO. 00100	D-602-0106
					WEIGHT 1.5 G. MAX. SHEET 1 OF 1

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DO NOT SCALE THIS DRAWING