



CONTACT CHARACTERISTICS:

MATERIALS:

OUTER BODY:

BRASS, UNS ALLOY NO. C36000, TEMPER H02, SPEC ASTM B16
OR BERYLLIUM COPPER, UNS ALLOY NO. C17200, TEMPER TD04,
SPEC ASTM B194, OR BERYLLIUM COPPER, UNS ALLOY NO. C17300,
TEMPER TD04, SPEC ASTM B196.

PLATING:

GOLD PER ASTM B 488 (MIL-G-45204) NICKEL PER QQ-N-280 OVER
COPPER FLASH.

INNER CONTACT:

BERYLLIUM COPPER, UNS ALLOY NO. C17300, TEMPER TH04,
SPEC. ASTM B196.

PLATING:

GOLD PER ASTM B 488 (MIL-G-45204) NICKEL PER QQ-N-280 OVER
COPPER FLASH.

RETAINING CLIP:

BERYLLIUM COPPER, UNS ALLOY NO. C17200, TEMPER TH04,
SPEC ASTM B194.

PLATING:

NICKEL PER QQ-N-280.

DIELECTRIC:

FLUOROPOLYMER.

SOLDER:

SN63 RMAP IN ACCORDANCE WITH ANS/J-STD-005.

CABLE SUPPORT:

OUTER SLEEVE: POLYVINYLIDENE HEAT SHRINKABLE TUBING (COLOR CLEAR)

INNER SLEEVE: POLYOLEFIN HEAT SHRINKABLE TUBING (COLOR BLUE)

PERFORMANCE:

TEMPERATURE RATING:

125°C MAXIMUM.

CURRENT RATING:

3 AMPS

VOLTAGE RATING:

DIELECTRIC WITHSTAND VOLTAGE, 900 VOLTS RMS, MAXIMUM.

CONTACT RESISTANCE:

10 MEGOHMS MAXIMUM (INNER)

8 MEGOHMS MAXIMUM (OUTER)

INSULATION RESISTANCE:

5,000 MEGOHMS MINIMUM.

ENGAGEMENT FORCE:

INNER SOCKET: 6 OZ. MAXIMUM

SEPARATION FORCE:

INNER SOCKET: 0.5 OZ. MINIMUM.

Check for the latest revision.

DO NOT SCALE THIS DRAWING

NOTES:

- THIS CONTACT IS DESIGNED FOR USE IN MIL-C-28748 SIZE 16 CAVITIES.
- THIS CONTACT IS DESIGNED TO TERMINATE TO THE CABLES IN THE TABLE.
OTHER APPLICATIONS SHOULD BE SUBMITTED TO RAYCHEM FOR EVALUATION.
- FOR TERMINATION PROCEDURE: SEE ES 61240
- MATING CONTACT (FOR SIMILAR CABLES) D-602-0173
- CABLE MUST BE TERMINATED WITH D-600-0018 DIELECTRIC BARRIER.

RG CABLE NO.	RAYCHEM CABLE NO.
RG - 179 B/U	5030A 1X1X
RG - 178 B/U	7528A 1X1X
	7530A 1X1X
	9532A 1X1X

CONNECTOR SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (BRACKETED DIMENSIONS () ARE MILITARY AND TOLERANCES ARE:		DRAWN	DATE	RAYCHEM Two Glenview Corporate Glenview, IL 60045 Raychem Menlo Park, CA 94025 (USA)	
CHECKED	DATE	APPROVED	DATE	TITLE	
APPROVED	DATE	APPROVED	DATE	SHIELDED CONTACT, PIN COAXIAL CABLE	
CAD FILE	T22008.TIF	SIZE	A	CODE IDENT	DWG. NO.
				NO. 00000	D-602-0172
		WEIGHT		SHEET	B