

SEE SHEET 1 FOR REVISION

1.0 MATERIALS	
1.1 PLUG BODY AND COUPLING	NUT: BRASS ALLOY PER ASTM B16
1.2 JACK BODY:	BECU PER QQ-C-530, ALLOY 173
	CONDITION A OR H
1.3 PANEL NUT:	BRASS ALLOY PER ASTM B16
1.4 WAVE WASHER:	SPRING STEEL OR BECU. TIN PLATED PER MIL-T-10727
1.5 RESISTOR COVER:	STAINLESS STEEL TYPE 303 PER ASTM A582
1.6 LANYARD:	CORROSION RESISTANT STEEL
1.7 SEALING WASHER:	
1.7.1 ELASTOMER:	SILICONE PER AMS-3304
1.7.2 WASHER:	CORROSION RESISTANT STEEL PER MIL-S-5059
	HALF HARD OR ANNEALED
	PASSIVATED PER QQ-P-35

V

- 2.0 FINISHES
- 2.1 1.1 THRU 1.6:

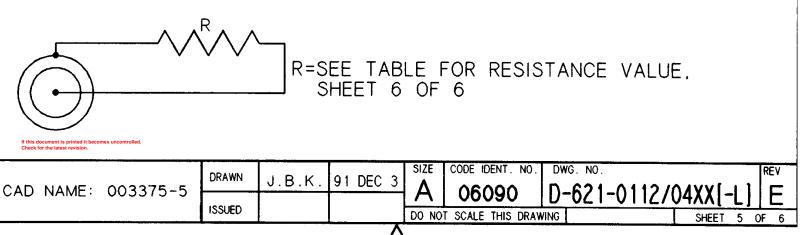
TIN PLATED PER MIL-T-10727 TYPE 1, OVER SUITABLE NICKEL UNDERPLATE TO WITHSTAND 500 HOUR SALT SPRAY TEST

3.0 INTERMATEABILITY

- 3.1 SEE TABLE
- 3.2 REFER TO RAYCHEM D-602-0126 AND D-602-0127 FOR CONTACT INTERMATEABILITY, MATERIAL AND DIMENSIONS.

4.0 PERFORMANCE CHARACTERISTICS

- 4.1 OPERATING TEMPERATURE: -65°C TO +125°C
- 4.2 POWER RATING: 1 WATT MAX.
- 4.3 INSULATION RESISTANCE: GREATER THAN 5K MEG
- 4.4 HIGH POTENTIAL, MATED, SEA LEVEL: 900 VOLTS AT 60 HZ
- 4.5 TERMINATOR RESISTANCE: SEE TABLE
- 4.6 REFER TO RAYCHEM SPECIFICATIONS D-6025 AND D-6020 FOR OTHER APPLICABLE PERFORMANCE AND QUALIFICATION REQUIREMENTS.
- 4.7 SALT SPRAY CORROSION RESISTANCE: 500 HOURS



NOTES:

▲ SUFFIX "L" INDICATES PARTS WITH LANYARD.

WEIGHT: PLUG: 19 GRAMS MAX., WITH LANYARD 24 GRAMS MAX. JACK: 14 GRAMS MAX., WITH LANYARD 19 GRAMS MAX.

\frown		INSTALLED	MATING	MATING	RESISTANCE
DRAWING NO.	CONN.	CONTACT	CONNECTOR	CONTACT	VALUE ±2%
D-621-0112(-L)	PLUG	PIN	D-621-0412	SOCKET	50 OHMS
D-621-0406(-L)	JACK	SOCKET	D-621-0411	PIN	78 OHMS
D-621-0407(-L)	PLUG	SOCKET	D-621-0412	PIN	3000 OHMS
D-621-0413(-L)	PLUG	PIN	D-621-0412	SOCKET	78 OHMS
D-621-0415(-L)	PLUG	SOCKET	D-621-0412	PIN	78 OHMS
D-621-0417(-L)	PLUG	PIN	D-621-0412	SOCKET	3000 OHMS
D-621-0418(-L)	JACK	PIN	D-621-0411	SOCKET	78 OHMS
D-621-0423(-L)	JACK	PIN	D-621-0411	SOCKET	3000 OHMS
D-621-0424(-L)	JACK	SOCKET	D-621-0411	PIN	3000 OHMS
	1				

U.S. AIR FORCE SPECIAL MARKING				
AIR FORCE	AIR FORCE			
TERMINATOR	DRAWING NO.			
D-621-0406	8421525-00-04			
D-621-0407	8421524-00-02			
D-621-0413	8421524-00-03			
D-621-0415	8421524-00-04			
D-621-0417	8421524-00-01			
D-621-0418	8421525-00-03			
D-621-0423	8421525-00-01			
D-621-0423	8421525-00-02			

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CAD NAME: 003375-6	DRAWN	J.B.K.	91 DEC 3	SIZE	CODE IDENT. NO.	DWG. NO.	REV
	ISSUED			DO NO		D-621-0112/(OF 6

Mouser Electronics

Authorized Distributor

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TE Connectivity: D-621-0413