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COMPONENT	MATERIAL	FINISH	
HOUSING	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	GOLD PLATED PER ASTM-B-488	
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457 OR MIL-P-19468	-	
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR 197 ALLOY C17300, CONDITION H	GOLD PLATED PER ASTM-B-488	
ENVIRONMENTAL			
TEMPERATURE RATING: -65°C TO +125°C			
VIBRATION: MIL-STD-202, METHOD 204, CONDITION B			
SHOCK: MIL-STD-202, METHOD 213, CONDITION 1			
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106			
CORROSION: MIL-STD-202, METHOD 101, CONDITION B. 5% SALT SPRAY			
MECHANICAL			
INTERFACE DIMENSIONS: MIL-STD-348A FIG. 348-2			
RECOMMENDED MATING TORQUE: 4-6 IN-LBS			
FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX): 2.0			
WEIGHT (GRAMS): TBD			
MATING CHARACTERISTICS:		INSERTION (MAX LBS): 2.0	
		WITHDRAWAL (MIN OZ): 2.0	
CABLE RETENTION:		AXIAL FORCE (LBS): N/A	
		TORQUE (IN-OZ): N/A	
CENTER CONTACT CAPTIVATION:		AXIAL (LBS): 6.0	
		RADIAL (IN-OZ): 4.0	
ELECTRICAL			
NORMAL IMPEDANCE (OHMS): 50			
FREQUENCY RANGE (GHz): DC TO 15.0			
VOLT RATING @ SEA LEVEL (VRMS MAX): 500			
VSWR: 1.07+.007f(GHz)			
INSERTION LOSS: (dB MAX): 0.05 $\sqrt{f(\text{GHz})}$			
RF LEAKAGE (dB MIN): -[60-f(GHz)]			
CORONA 70,000 FT (VRMS MIN): 375			
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL: 1,500			
I.R. (MEGOHMS MIN): 10,000			
RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz): 1,000			
CONTACT RESISTANCE (MILLIOHMS MAX):			
		CENTER CONTACT: 1.5	
		OUTER CONTACT: 2.0	
		CABLE TO HOUSING: N/A	

LOC	DIST	REVISIONS					
DF	X0	P	LTR	DESCRIPTION	DATE	DWN	APVD
		0		PROPOSAL DRAWING	12-02	CT	RG

- CONNECTOR IS SUPPLIED WITHOUT A CENTER CONTACT.
- REF LOCKHEED DWG. 2003652P1.

1484709-1
PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	12-13-02	Tyco Electronics Corporation	
		CHK	12-13-02	Harrisburg, PA 17105	
DIMENSIONS:		APVD	12-13-02	NAME	
INCHES [mm]		PRODUCT SPEC		TNC STRAIGHT PANEL 4 HOLE JACK RECEPTACLE	
		APPLICATION SPEC		SIZE	CAGE CODE
		FINISH		A2	00779
MATERIAL		WEIGHT		DRAWING NO	RESTRICTED TO
SEE TABLE				C=1484709	
		CUSTOMER DRAWING	SCALE	SHEET	REV
			5:1	1 OF 1	0

AMP 1471-9 REV 31MAR2000

MA/COM # 3152-5309-94

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