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COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A582 TYPE 303	GOLD PLATED PER ASTM-B-488, TYPE 3 CODE C, CLASS 1.25
DIELECTRIC	PTFE FLUORCARBON PER ASTM-D-1457	-
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H	GOLD PLATED PER ASTM-B-488, TYPE 3 CODE C, CLASS 1.25

**ENVIRONMENTAL**

TEMPERATURE RATING: -65°C TO +165°C  
 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D  
 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  
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B

**MECHANICAL**

INTERFACE DIMENSIONS: MIL-STD-348A FIG. 310.2  
 RECOMMENDED MATING TORQUE: 7-10 IN-LBS  
 FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX): 2.0  
 WEIGHT (GRAMS): TBD  
 MATING CHARACTERISTICS: INSERTION (MAX LBS): 3.0  
 WITHDRAWAL (MIN OZ): 1.0  
 CABLE RETENTION: AXIAL FORCE (LBS): N/A  
 TORQUE (IN-OZ): N/A  
 CENTER CONTACT CAPTIVATION: AXIAL (LBS): N/A  
 RADIAL (IN-OZ): N/A

**ELECTRICAL**

NORMAL IMPEDANCE (OHMS): 50  
 FREQUENCY RANGE (GHZ): DC TO 18.0  
 VOLT RATING @ SEA LEVEL (VRMS MAX): 335  
 VSWR: 1.05+.005f (GHZ) DC-18.0  
 INSERTION LOSS: (dB MAX): .10 @6GHZ  
 RF LEAKAGE (dB MIN): -90 dB 6-8 GHz  
 CORONA 70,000 FT (VRMS MIN): 250  
 DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL: 670  
 I.R. (MEGOHMS MIN): 5000  
 RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz): 500  
 CONTACT RESISTANCE (MILLIOHMS MAX):  
 CENTER CONTACT: 3.0  
 OUTER CONTACT: 2.0  
 CABLE TO HOUSING: N/A

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
DF	XO	0	RELEASED	4-01	CT RG

1484096-1  
PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C. THOMAS 4-3-01	AMP TYCO Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES [mm]		CHK R. GROSS 4-3-01	NAME OSM SURFACE LAUNCH JACK RECEPTACLE-TURRET TERM, RF	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±.005 [0.13] 4 PLC ±- ANGLES ±1°		APVD R. GROSS 4-3-01	SIZE A2	
MATERIAL SEE TABLE		FINISH SEE TABLE	CAGE CODE 00779	DRAWING NO. 1484096
		WEIGHT -	RESTRICTED TO -	
		CUSTOMER DRAWING	SCALE 10:1	SHEET 1 OF 1
			REV 0	

AMP 1471-9 REV 11 JUN97

REF: 2066-5212-00

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