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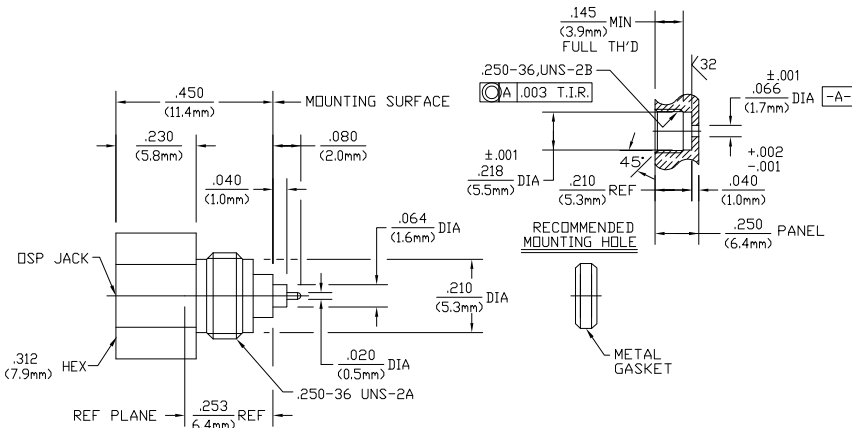
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LOC	DIST	REVISIONS		
P	LTR	DESCRIPTION	DATE	BY
HC	00			
A		REV PER EDD 06-002539	07APR06	GB JH



6059665-1  
PART NUMBER

HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM A 380
DIELECTRIC	TFE FLUOROCARBON PER ASTM D 1710	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196	GOLD PLATE PER ASTM B 488
CONTACT RING SHIM	BERYLLIUM COPPER PER ASTM B 194	GOLD PLATE PER ASTM B 488
CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER ASTM B 488
BUSHING CONTACT EXT	IRON-NICKEL-COBALT ALLOY PER MIL-I-23011, CLASS 1 <QVAR>D	GOLD PLATE PER ASTM B 488
METAL GASKET	SAE C12L14 STEEL	SILVER PLATE PER ASTM B 700
GLASS SEAL	GLASS BEAD	N/A
COMPONENT	MATERIAL	FINISH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions per Omni Spectra Catalog	TEMPERATURE RATING -65° TO +125°C
Frequency Range (GHz) DC to 18	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D, 20G's
Volt Rating (VRMS MAX) @ Sea Level 335	Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 213, Condition 1, 100G's
VSWR 1.04+0.09f(GHz)	Withdrawal (MIN Oz) 1	Thermal Shock MIL-STD-202, Method 102, Condition C
Insertion Loss (dB MAX) .05x√f(GHz)	Force to Engage (Lbs MAX) & Disengage (Lbs MAX) 3.0 & 1.5	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-f(GHz))	Center Contact Captivation Axial (Lbs MIN) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 335	Weight (Grams) TBD	Hermetic Seal Leak Rate (@ 1 Atm) 1 x 10 <sup>-8</sup> cc/sec
Dielectric Withstanding Voltage (VRMS MIN @ Sea Level) 1,000		
Contact Resistance (Milliohms MAX) Center Contact 6.0 Outer Contact 2.0		
RF High Potential @ Sea Level (VRMS MIN @ 5 Mhz) 1,000		
I.R.(Megohms MIN) 5,000		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DESIGNED BY: A. KULLA	DATE: 25SEP95	TYCO Electronics	Tyco Electronics Corporation
CHECKED BY: J. JONES	DATE: 07OCT 95		Harrisburg, PA 17105-3608
APPROVED BY: R. VACCARO	DATE: 08OCT 95		
PRODUCT SPEC: 408-8288	APPLICATION SPEC: 408-8288	SIZE: A2	DATE CODE (DRAWING NO): 00779
MATERIAL: SEE NOTES	FINISH: SEE NOTES	CUSTOMER DRAWING	SCALE: 5:1 SHEET: 1 of 1 REV: A

AMP 1471-9 REV 31MM2000