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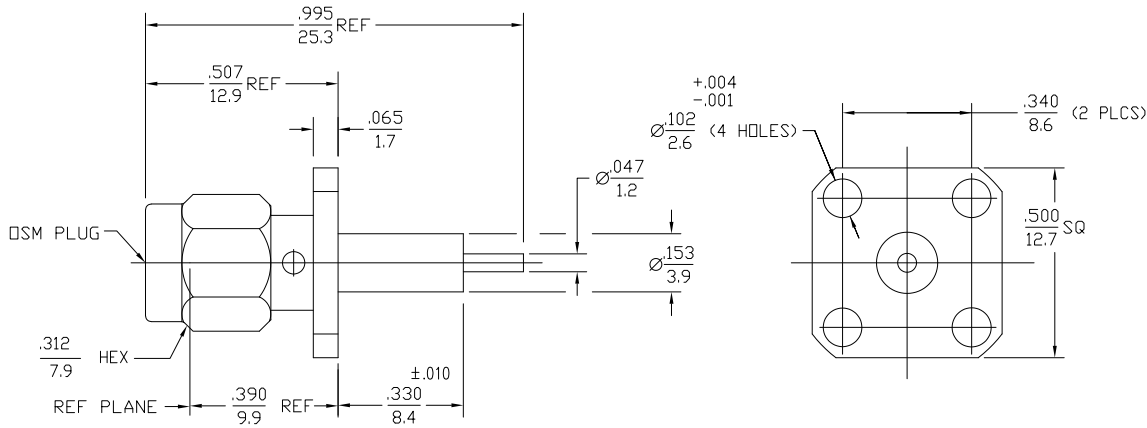
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LOC	DIST	REVISIONS		
P	LTR	DESCRIPTION	DATE	BY
AJ	00	REV PER EDD 07-004710	3/2/2007	DW KW



1056285-1
PART NUMBER

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	TEMPERATURE RATING -65°C TO +125°C
Frequency Range (GHz) DC to 27	Recommended Mating Torque 7-10 In-Lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics: Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05 + .005F (GHz)	Withdrawal (MIN Dz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP SHALL BE 115°C
Insertion Loss (dB MAX) .03 √F (GHz)	Force to Engage and Disengage (In/Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106, Except Vibration Shall Be Omitted
RF Leakage (dB MIN) -[60-F (GHz)]	Center Contact Captivation Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Radial (In/Dz) 4.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Cable Retention Axial Force (Lbs) N/A	
Contact Resistance (Milliohms MAX) Center Contact 2.0	Torque (In/Dz) N/A	
Outer Contact 2.0	Weight (Grams) TBD	
Cable to Housing N/A		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R. (Megohms MIN) 10000		

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H OR BRASS PER ASTM-B-16	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

THIS DRAWING IS A CONTROLLED DOCUMENT.

DATE: 4/11/79	BY: DW	TYCO Electronics	Tyco Electronics Corporation Harrisburg, PA 17105-3608
CHK: 4/20/79	APP: KWW	OSM 27 GHz 4 HOLE FLG MOUNT PLUG RECEPTACLE STRAIGHT TERMINAL	
DATE: 4/20/79	CHK: KWW	SIZE: A2	CAGE CODE: 00779
PRODUCT SPEC: -	APPLICATION SPEC: -	DRAWING NO: 1056285	
HEIGHT: -	RESTRICTED TO: -	SCALE: 4:1	SHEET: 1 of 1
MATERIAL: -	FINISH: -	CUSTOMER DRAWING	

.XXX = in
XX.X = mm (REF)

AMP 1471-9 REV 31MM2000

1056285

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