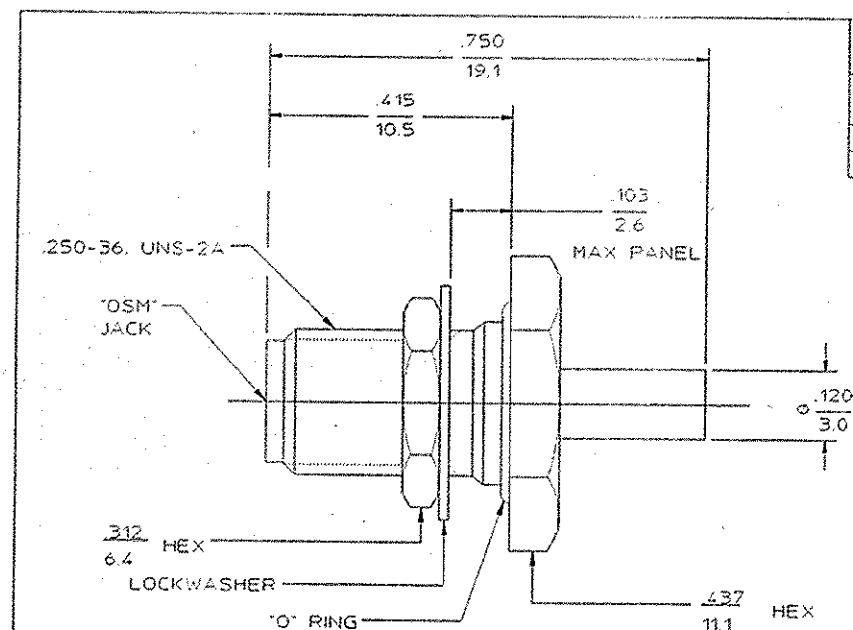
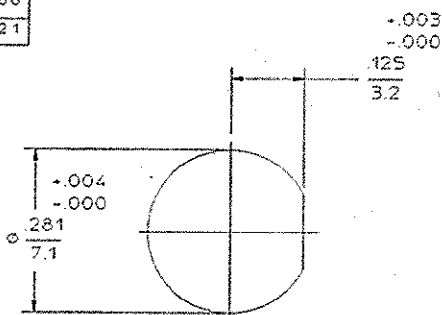




DESIGNED FOR USE WITH	
085 SP	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.068
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	REVISED	5-22-90 KL	



RECOMMENDED
MOUNTING HOLE

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310-2	Temperature Rating -65 TO +125°C
Frequency Range (GHz) DC to 18	Recommended Rating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Torque 7-10 IN-LBS	Shock MIL-STD-202, Method 213, Condition I
@ Sea Level 335	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B
VSWR 1.07 ± .008 F/GHz	Insertion (MAX Lbs) 2	Except High Temp +115°C
Insertion Loss (dB MAX) .03 / F/GHz	Withdrawal (MIN Oz) 1	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -90	Force to Engage and Disengage (in-Lbs MAX) 2	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Cavitation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000	Axial (Lbs) N/A	
Contact Resistance (Milliohms MAX)	Radial (in-Oz) N/A	
Center Contact 3.0	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs) 30	
Cable to Housing .05	Torque (in-Oz) 16	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Weight (Grams) TBD	
IP Megohms MIN 5,000		

COMPONENT	MATERIAL	FINISH												
HOUSING LOCKWASHER MOUNTING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204												
DIELECTRIC	TPE FLUOROCARBON PER ASTM-D-1457	N/A												
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204												
O-RING	SILICONE RUBBER PER ZZ-R-765	N/A												
<table border="1"> <tr> <td>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</td> <td>DRAWN BY R.P. 1-18A-2</td> <td rowspan="3">  M/A-COM, Inc. Waltham, MA 02254 </td> </tr> <tr> <td>FRACTION DECIMAL ANGLES</td> <td>CHECKED BY A.J. 1-12-84</td> </tr> <tr> <td>1/16 1/32 1/64 1/8 1/4 1/2 1 1 1/2 2 3 4 5 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100</td> <td>APP'D BY RIF 1-10-84</td> </tr> </table>			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY R.P. 1-18A-2	 M/A-COM, Inc. Waltham, MA 02254	FRACTION DECIMAL ANGLES	CHECKED BY A.J. 1-12-84	1/16 1/32 1/64 1/8 1/4 1/2 1 1 1/2 2 3 4 5 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	APP'D BY RIF 1-10-84					
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Tyco Customer P/N 1051026
Sheet 1 of 1
Rev 0