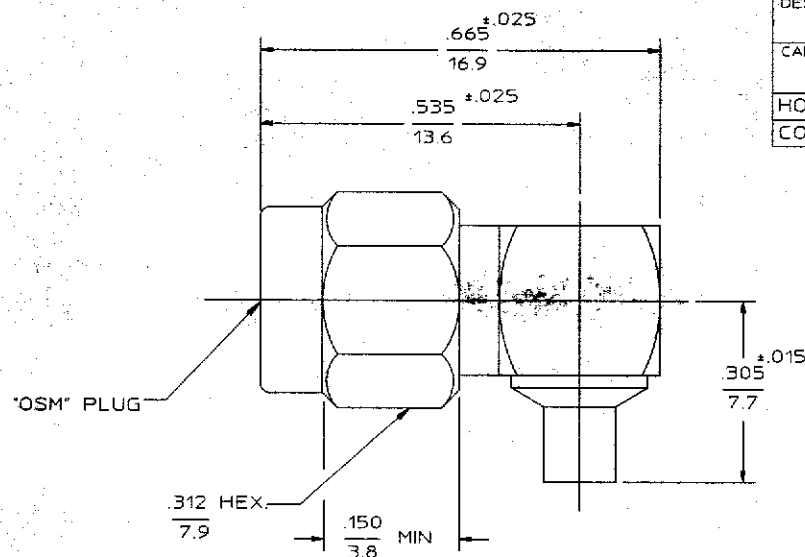




DESIGNED FOR USE WITH	085 S.R.
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.089
CONTACT	.037

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	REVISED	9/3/88	BAC

HOUSING EXTRA HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
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	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

COMPONENT	MATERIAL	FINISH
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DATE 10/25/87	 M/A-COM, Inc. Waltham, MA 02254
FRAC. DEC. ANGLES	CHECKED BY 11/2/87	
1/64 .005 .1°	APPROVED BY 11/2/87	

These drawings and specifications are the property of M/A-COM Interconnect Div. and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of a item(s) without written permission.	USE ASSY PROCEDURE NO. AP. 20-547	TITLE 'OSM' RIGHT ANGLE CABLE PLUG DIRECT SOLDER ATTACHMENT M39012/80B3103 CAT. B
SIZE B	CODE IDENT NO. 26805	2007-8103-92
SCALE 5:1		REV 01

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310-1	Temperature Rating -65°C to 165°C
Frequency Range (GHz) DC to 12.4	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt. Rating (VRMS MAX)	Torque 7 to 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 1:10 ±0.01 (1GHz)	Insertion (MAX Lbs) N/A	Except High Temp +115°C
Insertion Loss (dB MAX) .05 √F(GHz)	Withdrawal (MIN Oz) N/A	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -90 @ 2 to 3 GHz	Force to Engage and	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Disengage (In-Lbs MAX) 2.0	
Dielectric Withstanding Voltage	Center Contact Cavitation	
(VRMS MIN) Sea Level 1,000	Axial (Lbs) 6.0	
Contact Resistance (Milliohms MAX)	Radial (In-Oz) 4.0	
Center Contact 4.0	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs) 30	
Cable to Housing 0.5	Torque (In-Oz) 16	
RF High Potential Sea Level	Weight (Grams) TBD	
(VRMS MIN) 5 MHz 670		
IR (Megohms MIN) 5,000		

.XXX = In
XXX = mm (REF)

Customer 1081173 Rev 0
Sheet 1 of 1