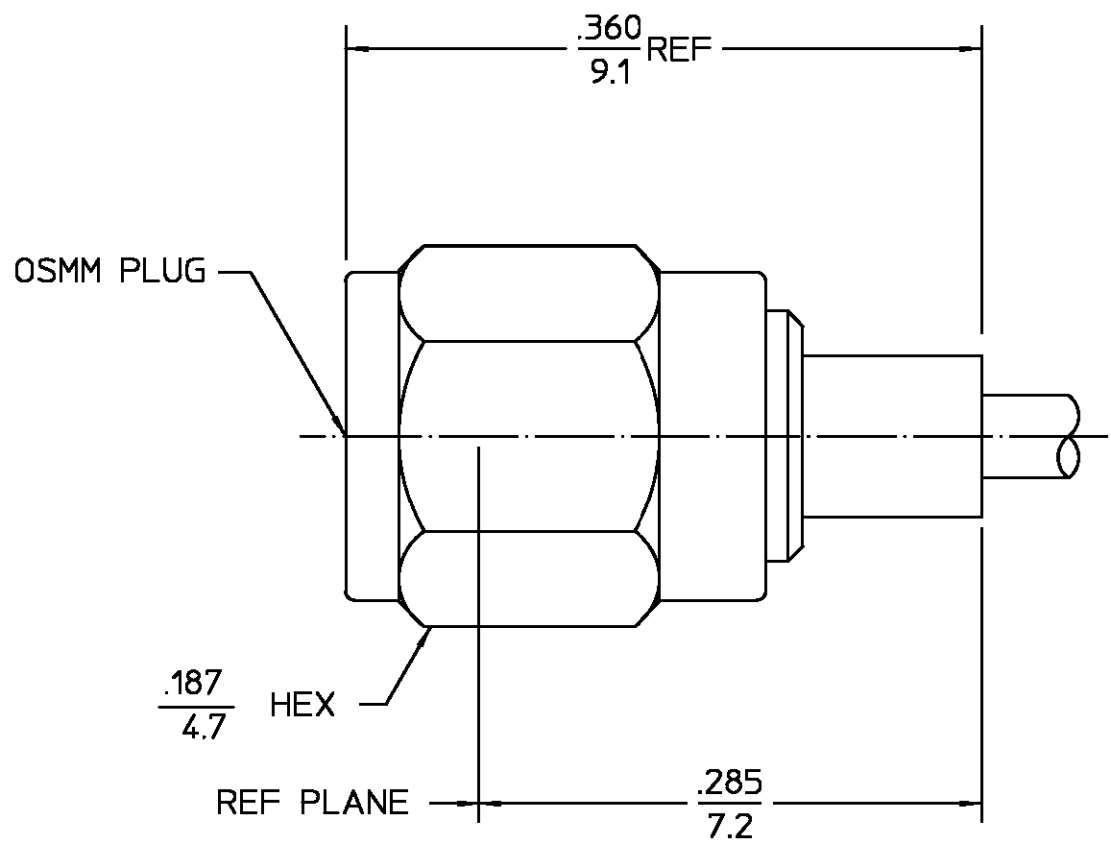


DESIGNED FOR USE WITH Ø.047 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.050
CONTACT	.012

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
08 <sub>1</sub>	REVISED	7/28/98 Tubg	PH
B	PER EC 0U20-0116-01-02	10/29/01	C. Hoang



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	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Recommended Mating Torque <u>2 In Lbs</u>	Temperature Rating <u>-65°C +105°C</u>
Frequency Range (GHz) DC to <u>45</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>190</u>	Insertion (MAX Lbs) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>DC to 12.4 GHz 1.15 + .015 f (GHz)</u>	Withdrawal (MIN Oz) <u>0.5</u>	Thermal Shock MIL-STD-202, Method 107, Condition, B
Insertion Loss (dB MAX) <u>.08 √f GHz</u>	Force to Engage and Disengage (In/Lbs MAX) <u>1.0</u>	Except High Temp +115°C
RF Leakage (dB MIN) <u>-(60 -f GHz)</u>	Center Contact Captivation	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Corona, 70,000 Ft (VRMS MIN) <u>150</u>	Axial (Lbs) <u>N/A</u>	Shall Be Omitted
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>500</u>	Radial (In/Oz) <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX)	Cable Retention	
Center Contact <u>3.5</u>	Axial Force (Lbs) <u>25</u>	
Outer Contact <u>2.8</u>	Torque (In/Oz) <u>N/A</u>	
Cable to Housing <u>1.0</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>375</u>		
LR.(Megohms MIN) <u>5,000</u>		

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY RMK	DATE 11/3/70
FRAC. DEC. ANGLES	CHECKED BY P.R.B.	11/3/70
± 1/64 ±.005 ± °	APPD BY B.W.C.	11/3/70
These drawings and specifications are the property of M/A-COM Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.	USE ASS'Y PROCEDURE	TITLE OSMM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT
NO. AP. <u>40-007</u>	NO. AP. <u>408-08254</u>	SIZE B
		CODE IDENT NO. 26805
		4001-7947-00
		REV 08 <sub>1</sub>
	SCALE 10:1	CABLE TYPE .047 S.R.
		SHEET 1 OF 1