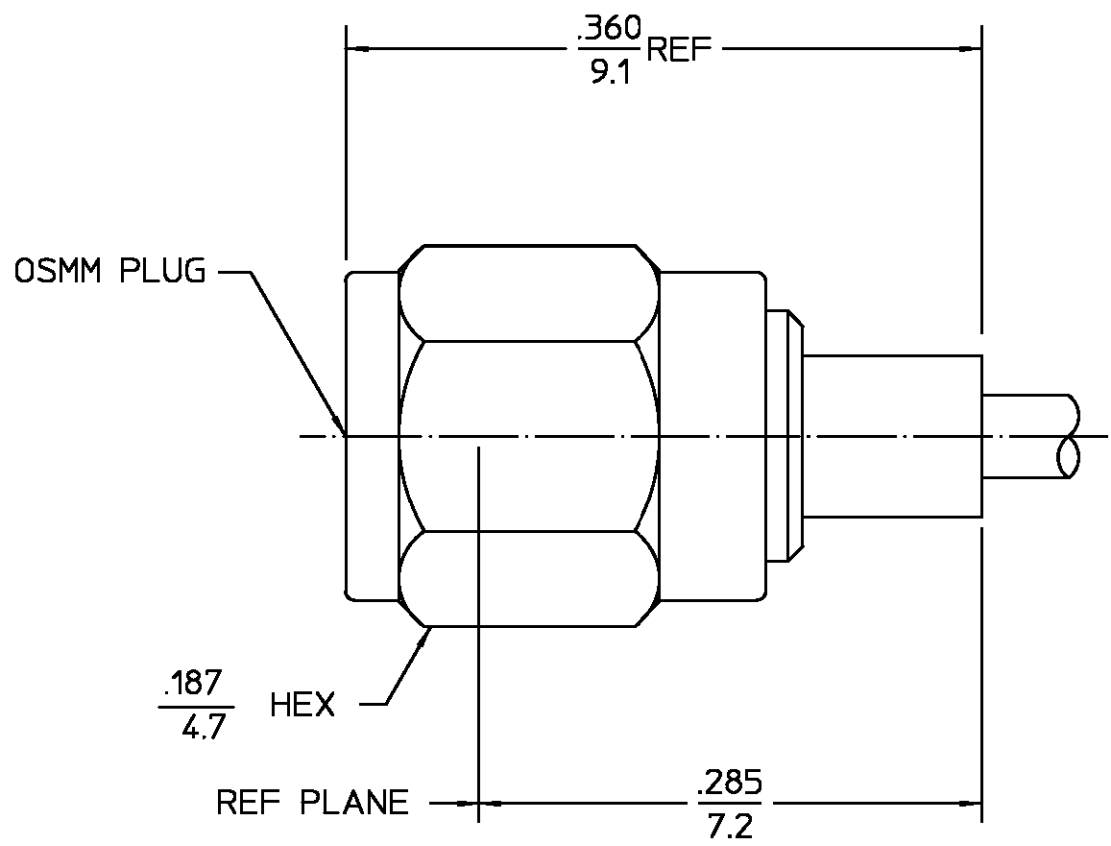


DESIGNED FOR USE WITH Ø.047 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.050
CONTACT	.012

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



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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY RMK	DATE 11/3/70	AMP AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY P.R.B.	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> <u>408-08254</u>	SIZE B	CODE IDENT NO. 26805
	SCALE 10:1	CABLE TYPE .047 S.R.	REV 08 ₁ SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1058955-1
SHEET 1 OF 1 REV B