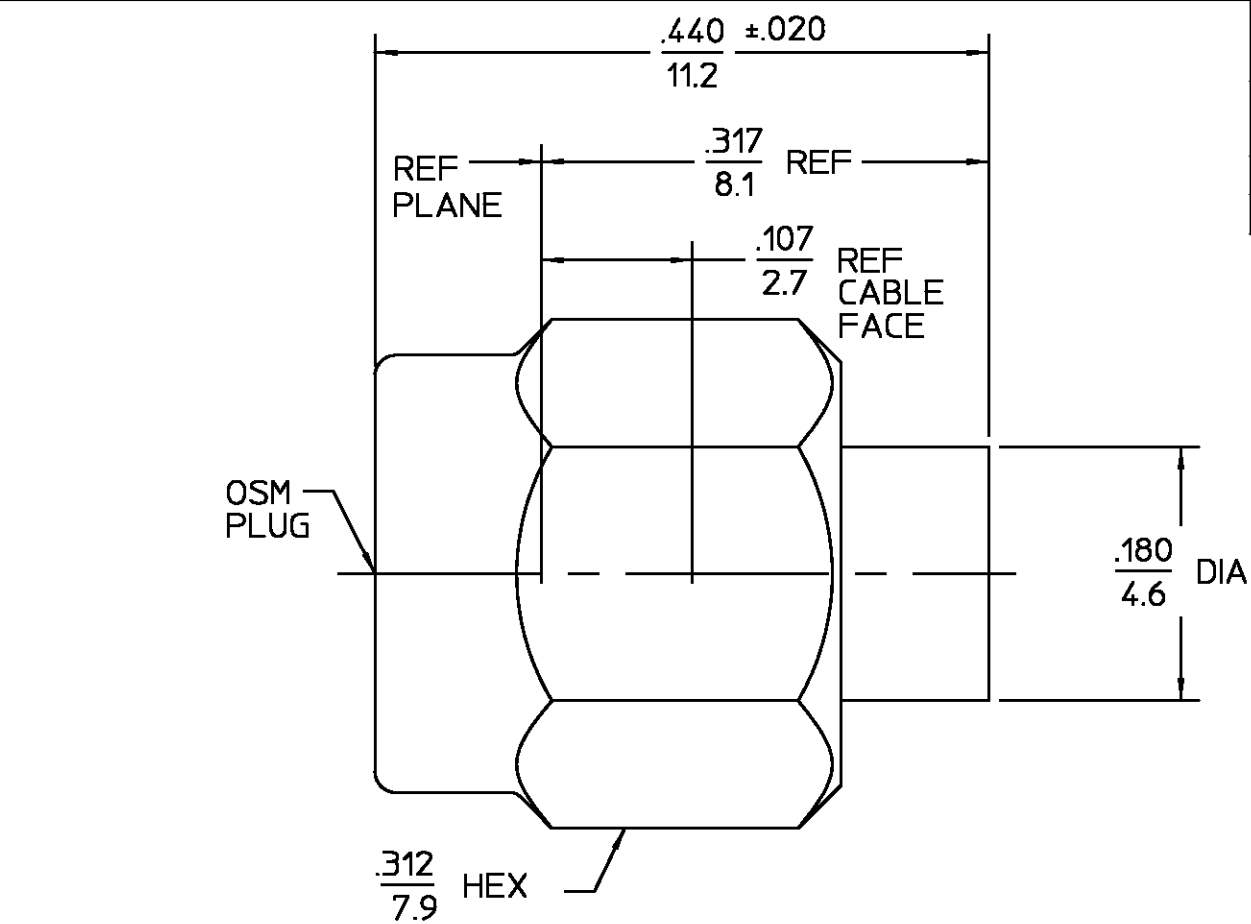




DESIGNED FOR USE WITH .141 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.037
HOUSING	.145

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₁	REVISED	03/22/95	AD

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310.1</u>	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) DC to <u>18</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Torque <u>7-10 in-lbs</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.05 + .005f (GHz)</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.03 √f (GHz)</u>	Insertion (MAX Lbs) <u>3.0</u>	Except High Temp <u>+115°C</u>
RF Leakage (dB MIN) <u>-90 @ 2-3GHz</u>	Withdrawal (MIN Oz) <u>1.0</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0</u>	
Center Contact <u>3.0</u>	Radial (In-Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Cable Retention	
Cable to Housing <u>0.5</u>	Axial Force (Lbs MIN) <u>60.0</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>	Torque (In-Oz) <u>55.0</u>	
I.R.(Megohms MIN) <u>5,000</u>	Weight (Grams) <u>TBD</u>	

COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
HOUSING	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	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
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
FRAC. <u>± 1/64</u>	DEC. <u>±.005</u>	ANGLES <u>± 1°</u>
DRAWN BY <u>E. HOYLE</u> DATE <u>8/9/85</u>		
CHECKED BY <u>R. GIERAS</u> DATE <u>8/13/85</u>		
APPROD BY <u>R. GIERAS</u> DATE <u>8/13/85</u>		
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USE ASS'Y PROCEDURE		
408-04943 (20-321)		
NO. AP.		
TITLE OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT		
SIZE B	CODE IDENT NO. 26805	2001-5397-02
SCALE 10 : 1	.141 S/R	SHEET 1 OF 1
REV 02 ₁		

CUSTOMER DRAWING

AMP PART # 1050605-1
SHEET 1 OF 1 REV A