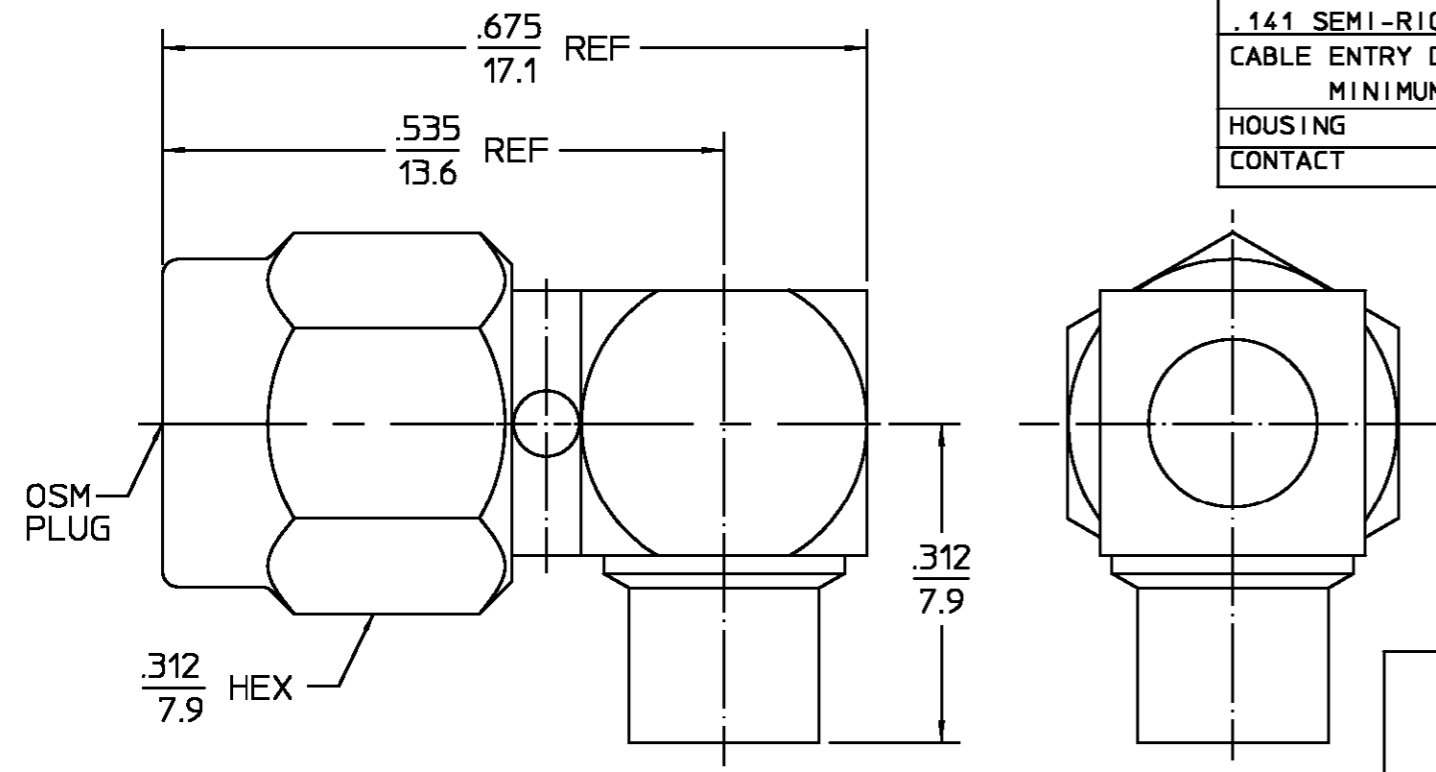


DESIGNED FOR USE WITH .141 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.144
CONTACT	.037

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₃	REVISED	4-12-95	JAD



COMPONENT	MATERIAL	FINISH
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
HOUSING CAP	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

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.1	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>335</u>	Torque <u>7-10 in-lbs</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.10 ±.01 f (GHz)</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B.
Insertion Loss (dB MAX) <u>.05 √f(GHz)</u>	Insertion (MAX Lbs) <u>3.0</u>	Except High Temp <u>+115°C</u>
RF Leakage (dB MIN) <u>[-90-f(GHz)]</u>	Withdrawal (MIN Oz) <u>1.0</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>250</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>1,500</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0</u>	
Center Contact <u>2.0</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</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>	Torque (In-Oz) <u>55</u>	
I.R.(Megohms MIN) <u>10,000</u>	Weight (Grams) <u>TBD</u>	

.XXX = in
XX.X = mm

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY	DATE
	R.B.G.	11-20-76
	CHECKED BY	
FRAC.	DEC.	ANGLES
± 1/64	±.005	± °
APPD BY		
R.M.F.	12-1-76	

AMP Incorporated
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USE ASS'Y PROCEDURE

408-04830
NO. AP. (20-017)

TITLE OSM HIGH FREQUENCY RIGHT ANGLE CABLE PLUG DIRECT SOLDER			
SIZE	CODE IDENT NO.	REV	
B	26805	01 ₃	
SCALE 5 : 1		SHEET 1 OF 1	