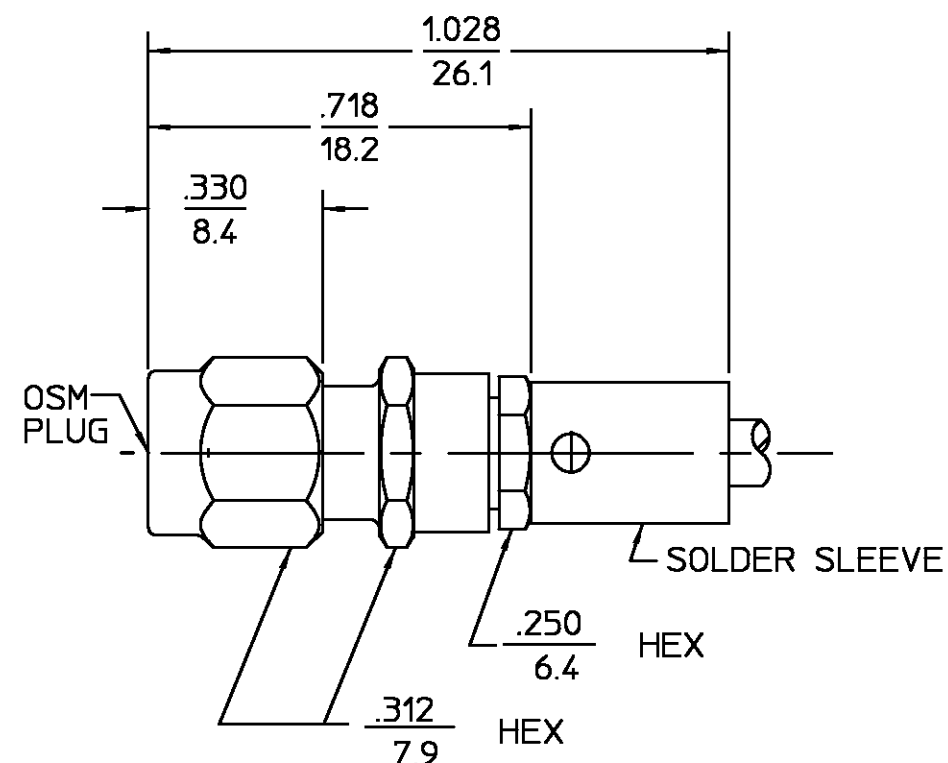




DESIGNED FOR USE WITH RG-316/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.128
SLEEVE	.067
DIELECTRIC	.021
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
031	REDRAWN IN CAD 94-0474	6/1/95	R. RUSSO

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) @ Sea Level 250	Torque 7 to 10 in-lbs	Shock MIL-STD-202, Method 213, Condition I.
VSWR 1.15 +.02	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B.
Insertion Loss (dB MAX) .06 √f(GHz)	Insertion (MAX Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -[60-f(GHz)]	Withdrawal (MIN Oz) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 190	Force to Engage and Disengage (In-Lbs MAX) 2.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	
Center Contact 3.0	Radial (In-Oz) N/A	
Outer Contact 2.0	Cable Retention	
Cable to Housing 0.5	Axial Force (Lbs MIN) 20	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500	Torque (In-Oz MIN) N/A	
IR.(Megohms MIN) 5,000	Weight (Grams) TBD	

HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
INNER SLEEVE	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
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		
DRAWN BY L. ROSS DATE 1/31/85 CHECKED BY L.B 2/11/85 APPROVED BY R. RUSSO 2/15/85		
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USE ASS'Y PROCEDURE 408-04904 NO. AP. (20-510)		
AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
TITLE OSM STRAIGHT CABLE PLUG SOLDER ATTACHMENT		
SIZE B	CODE IDENT NO. 26805	2031-8107-92
SCALE 4 : 1	REV 031	SHEET 1 OF 1

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