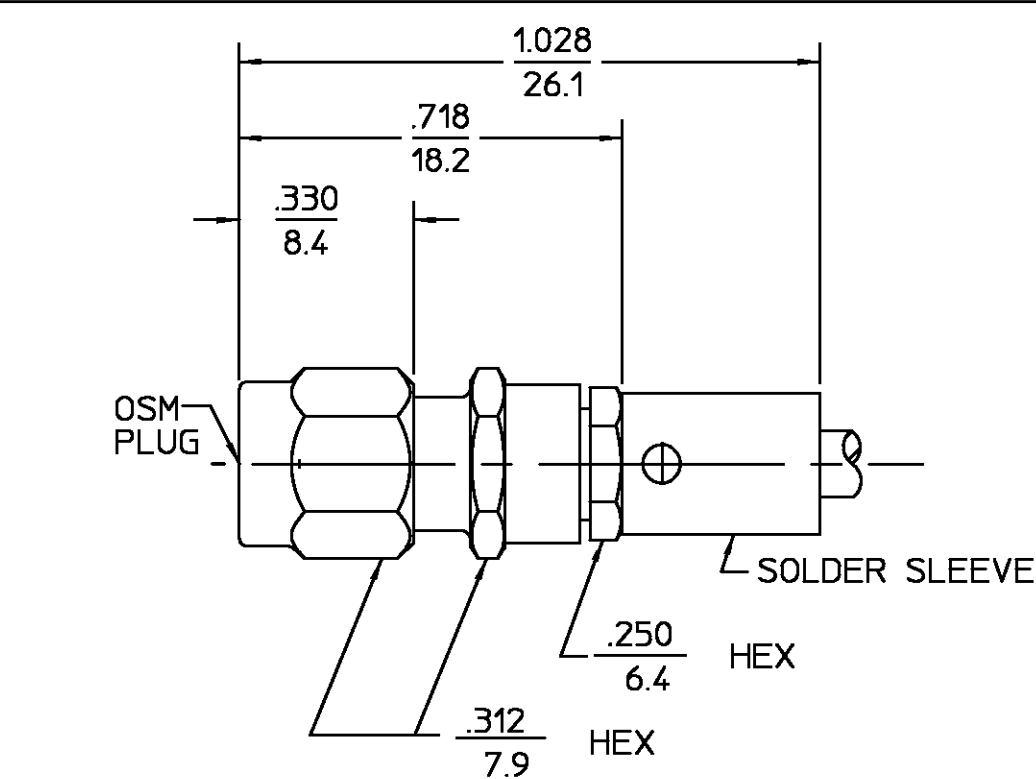




DESIGNED FOR USE WITH RG-316/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.128
SLEEVE	.067
DIELECTRIC	.021
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03 ₁	REDRAWN IN CAD 94-0474	6/1/95	<i>R. Russo</i>

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>12.4</u>	Recommended Mating	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Torque <u>7 to 10 in-lbs</u>	204, Condition D.
@ Sea Level <u>250</u>	Mating Characteristics:	Shock MIL-STD-202, Method 213,
VSWR <u>1.15 ±.02</u>	Insertion (MAX Lbs) <u>N/A</u>	Condition I.
Insertion Loss (dB MAX) <u>.06 √f(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) <u>-[60-f(GHz)]</u>	Force to Engage and	Method 107, Condition B,
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Disengage (In-Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202,
Dielectric Withstanding Voltage	Center Contact Captivation	Method 106
(VRMS MIN) @ Sea Level <u>750</u>	Axial (Lbs) <u>6.0</u>	Corrosion - MIL-STD-202, Method
Contact Resistance (Milliohms MAX)	Radial (In-Oz) <u>N/A</u>	101, Condition B, 5% salt spray
Center Contact <u>3.0</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial Force (Lbs MIN) <u>20</u>	
Cable to Housing <u>0.5</u>	Torque (In-Oz MIN) <u>N/A</u>	
RF High Potential @ Sea Level	Weight (Grams) <u>TBD</u>	
(VRMS MIN @ 5 MHz) <u>500</u>		
IR.(Megohms MIN) <u>5,000</u>		

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 <u>L. ROSS</u> DATE <u>1/31/85</u> CHECKED BY <u>L.B</u> <u>2/11/85</u> APP'D BY <u>R. RUSSO</u> <u>2/15/85</u>		
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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 03 ₁	SHEET 1 OF 1