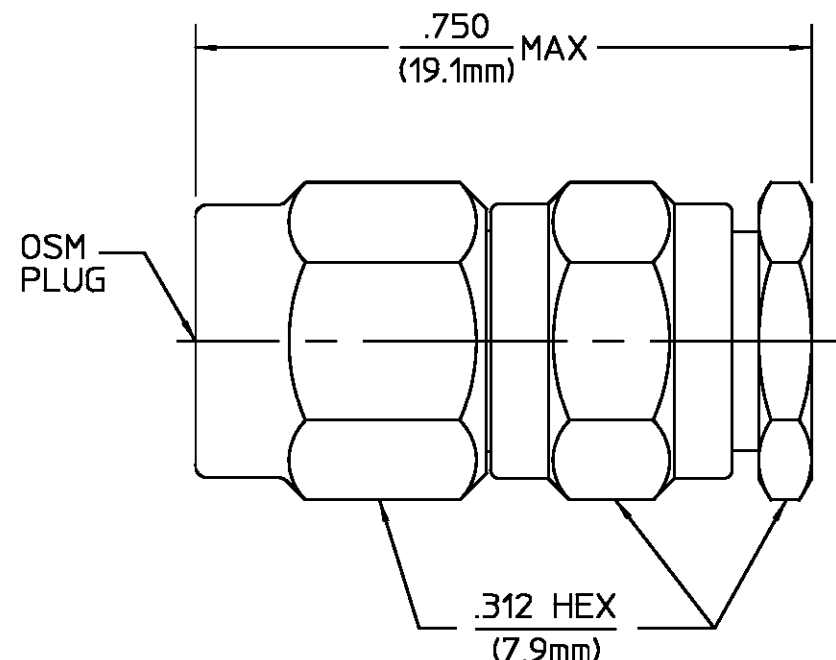




DESIGNED FOR USE WITH RD316/U CABLE		REVISIONS			
		REV	DESCRIPTION	DATE	APPROVED
CABLE ENTRY DIAMETER MINIMUM		01 ₀	RELEASED	10/17/91	<i>DeMello</i>
		B	PER EC 0U20-0176-01-02	06DEC01	<i>C. Huang</i>
CONTACT	.022				
FERRULE	.063				
CLAMP NUT	.136				

HOUSING
COUPLING NUT
CLAMP NUT

FERRULE
WASHER
WEDGE

DIELECTRIC

CENTER CONTACT

RETAINING RING

GASKET

STAINLESS STEEL PER
ASTM-A484 AND ASTM-
A582, TYPE 303

BRASS PER QQ-B-626
COMP. 360

TFE FLUOROCARBON
PER ASTM-D-1457

BRASS PER ASTM-B-16,
HALF HARD

BERYLLIUM COPPER PER
ASTM B 194 ALLOY
C17200, CONDITION H

SILICONE RUBBER PER
ZZ-R-765

GOLD PLATE PER
MIL-G-45204 OVER
NICKEL PLATE PER
QQ-N-290

GOLD PLATE PER
MIL-G-45204 OVER
COPPER PLATE PER
MIL-C-14550

N/A

GOLD PLATE PER
MIL-G-45204

N/A

N/A

COMPONENT

MATERIAL

FINISH

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCE ON
FRAC. DEC. ANGLES
± 1/64 ±.005 ± 1°

DRAWN BY *BB* DATE 10/15/91
CHECKED BY *DeMello* 10/17/91
APPD BY *DeMello* 10/17/91

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USE ASS'Y PROCEDURE

408-04705
NO. AP. (20-447)

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE OSM STRAIGHT CABLE PLUG
CLAMP ATTACHMENT

SIZE B	CODE IDENT NO. 26805	2001-7316-00	REV 010
SCALE 5:1			SHEET 1 OF 1

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A Fig. 310.1	Temperature Rating -55°C to +165°C
Frequency Range (GHz) 12.4	Recommended Mating Torque 7 to 10 inch-pounds	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 250	Mating Characteristics: Insertion (MAX Lbs) 3.0	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.15 + 0.02 (f)GHz	Withdrawal (MIN Oz) 1.0	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp shall be +200°C
Insertion Loss (dB MAX) .06 √ f GHz	Force to Engage and Disengage (In/Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -(60 - f GHz)	Center Contact Captivation Axial (Lbs) 6 LBS MIN	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 190	Cable Retention Axial Force (Lbs) 25	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Torque (In/Oz) N/A	
Contact Resistance (Milliohms MAX) Center Contact 4.0	Weight (Grams) 4.8	
Outer Contact 2.0		
Cable to Housing 5.0		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500		
I.R.(Megohms MIN) 5000		

CUSTOMER DRAWING

AMP PART # 1045383-1
SHEET 1 OF 1 REV B