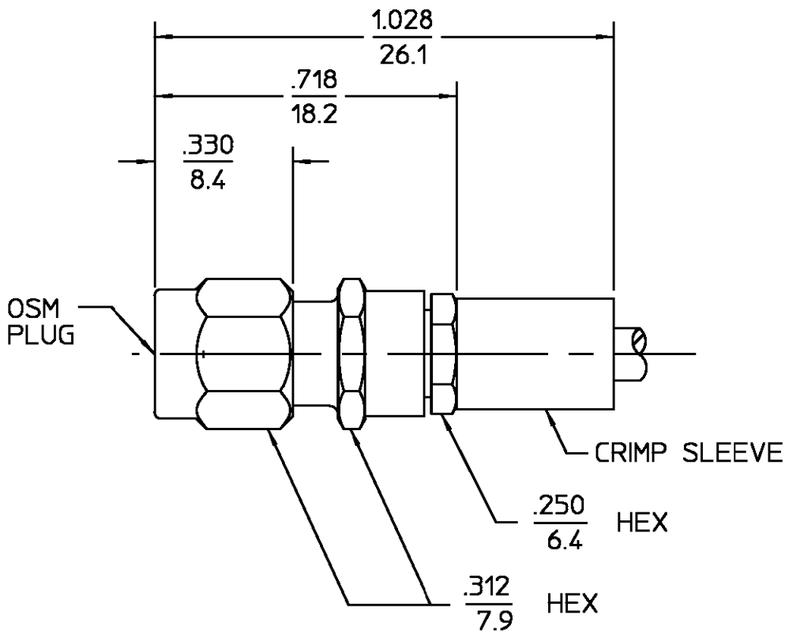

DESIGNED FOR USE WITH RG-316/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.128
SLEEVE	.067
DIELECTRIC	.021
CONTACT	.021

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
01_1	REDRAWN IN CAD 94-0474	6/9/95	

COMPONENT	MATERIAL	FINISH
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

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 Torque 7 to 10 in-lbs	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level 250	Mating Characteristics: Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 213, Condition I.
VSWR 1.15 +.02	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) $.06\sqrt{f(GHz)}$	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) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 190	Radial (In-Oz) N/A	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Cable Retention Axial Force (Lbs MIN) 20	
Contact Resistance (Milliohms MAX) Center Contact 3.0	Torque (In-Oz MIN) N/A	
Outer Contact 2.0	Weight (Grams) TBD	
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500		
I.R.(Megohms MIN) 5,000		

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

DRAWN BY EF HOYLE DATE 1/27/89
CHECKED BY L.R 2/10/89
APPD BY FPZ 2/22/89

AMP

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

USE ASS'Y PROCEDURE

408-04933
NO. A.P. (20-517)

TITLE OSM STRAIGHT CABLE PLUG CRIMP ATTACHMENT M39012/55-3126 CAT C

SIZE	CODE IDENT NO.		REV
B	26805	2031-8126-92	01_1

SCALE 4 : 1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1051812-1
SHEET 1 OF 1 REV A

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