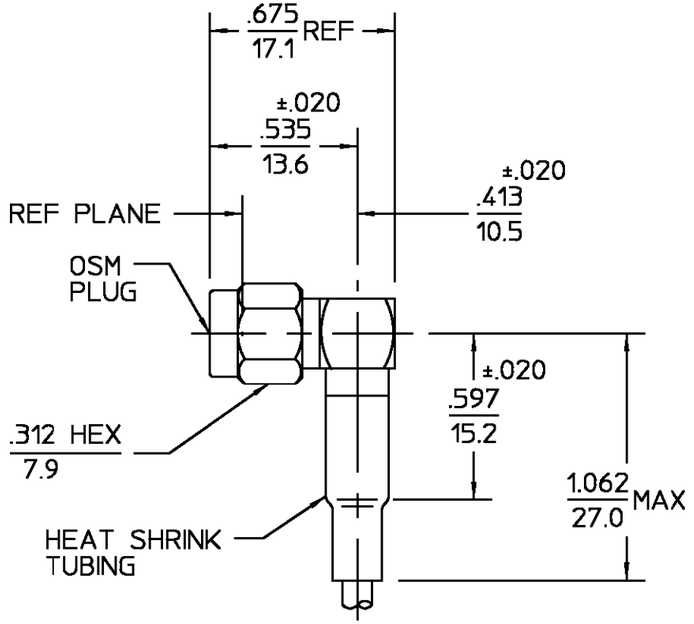

DESIGNED FOR USE WITH RD-316/U FLEXIBLE CABLE OR EQUIVALENT	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.135
HOUSING	.067
CONTACT	.025

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_0	RELEASED	03/21/95	

COPY IN PUERTO RICO
DESIGN CONTROL REQUIRED

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
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
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	TIN-LEAD PLATE PER MIL-P-81728 OVER COPPER PLATE PER MIL-C-14550

ELECTRICAL		MECHANICAL		ENVIRONMENTAL
Nominal Impedance (Ohms)	50	Interface Dimensions MIL-STD-348A, Fig. 310.1		Temperature Rating -65°C to +105°C
Frequency Range (GHz)	DC to MAX Operating Frequency of Cable per MIL-C-17	Recommended Mating Torque	7-10 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 + .03f(GHz)	Withdrawal (MIN Oz)	N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
Insertion Loss (dB MAX)	$.15\sqrt{f(GHz)}$	Force to Engage and Disengage (In-Lbs MAX)	2.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN)	-(60-fGHz)	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)	4.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	750	Cable Retention Axial Force (Lbs MIN)	25	.XXX = in XX.X = mm
Contact Resistance (Milliohms MAX) Center Contact	4.0	Torque (In-Oz)	N/A	
Outer Contact	2.0	Weight (Grams)	4.6	
Cable to Housing	0.5			
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	500			
I.R.(Megohms MIN)	10,000			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY J Davis 03/21/95

CHECKED BY

APP'D BY

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USE ASS'Y PROCEDURE

408-04982

NO. A.P. (20-490)

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE OSM RIGHT ANGLE CABLE PLUG CRIMP ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	1250-1295-02	01_0
SCALE 2 : 1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1046251-1

SHEET 1 OF 1 REV A