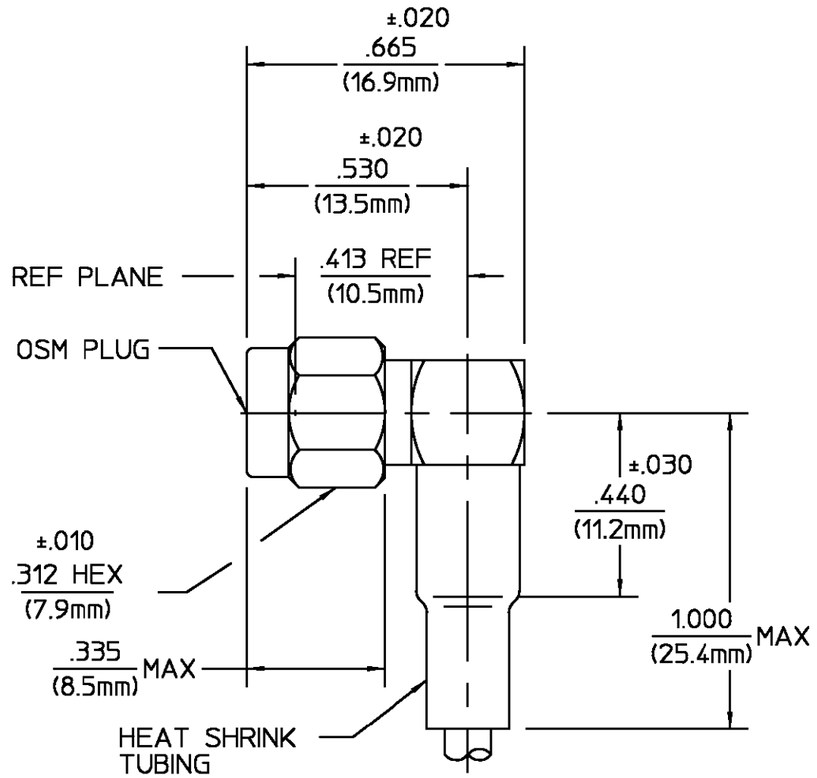

DESIGNED FOR USE WITH RD-188/U FLEX CABLE	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.137
CONTACT	.025
HOUSING	.066

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 0	RELEASED	08/14/92	DCamelio

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
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	GOLD PLATE PER MIL-G-45204 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 +125°C
Frequency Range (GHz)	DC 12.4	Recommended Mating Torque	7-10 In-Lbs	Vibration MIL-STD-202, Method 204, Condition B
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 +125°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, No Measurements at High Humidity
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)	20 Min	
Contact Resistance (Milliohms MAX) Center Contact	4.0	Torque (In-Oz)	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)	5000			

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

DRAWN BY BB DATE 08/13/92
CHECKED BY
APP'D BY DCamelio 08/14/92

USE ASS'Y PROCEDURE

NO. A.P. 20-046
408-04815

AMP

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE
OSM RIGHT ANGLE CABLE PLUG - SOLDER ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	2037-5110-95	01 0
SCALE 3:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1062178-1
SHEET 1 OF 1 REV A