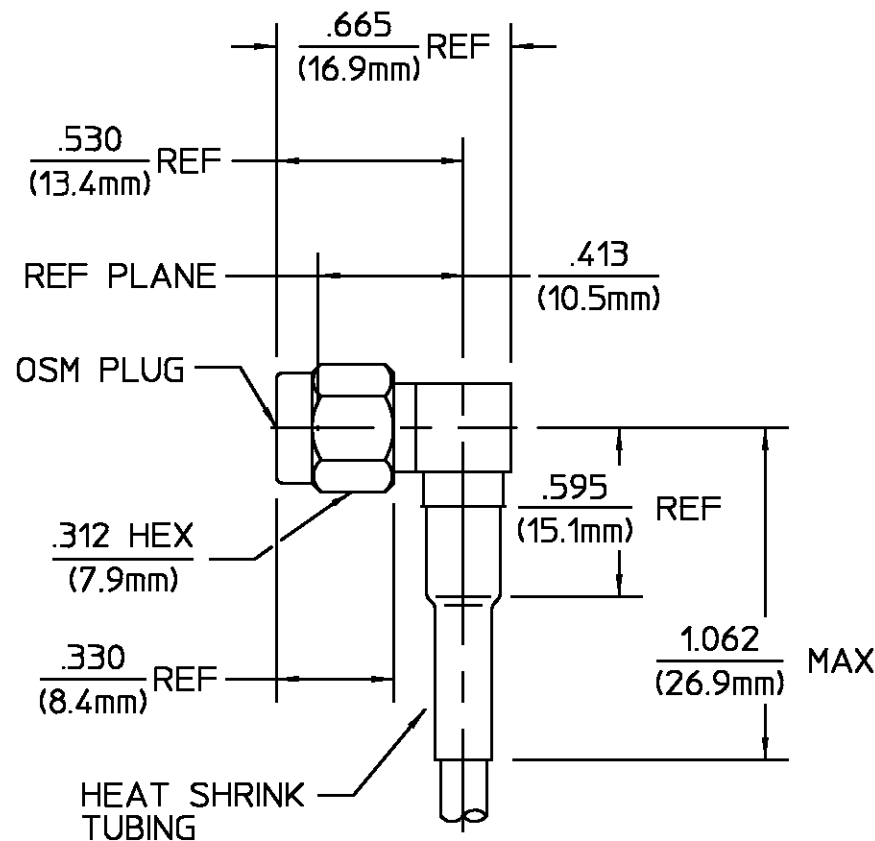




DESIGNED FOR USE WITH		REVISIONS			
RG-188A/U FLEX CABLE		REV	DESCRIPTION	DATE	APPROVED
CABLE ENTRY DIAMETER MINIMUM		010	RELEASED	11/27/95	<i>DCamello</i>
FERRULE	.125				
CONTACT	.025				
HOUSING	.066				

DESIGN CONTROL REQUIRED

HOUSING COUPLING NUT CAP	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, 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	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 T. WAGNER DATE 11-22-95 CHECKED BY <i>DCamello</i> APPD BY <i>DCamello</i> 11/27/95 AMP AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
These drawings and specifications are the property of M/A-COM Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.		
USE ASS'Y PROCEDURE 408-04683 NO. AP. (20-067)		TITLE OSM RIGHT ANGLE CABLE PLUG - CRIMP ATTACHMENT
SIZE B	CODE IDENT NO. 26805	1250-0654-00
SCALE 2:1	REV 010	
		SHEET 1 OF 1

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 MAX	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Operating Frequency of Cable per MIL-C-17	Torque 7-10 In-Lbs	Shock MIL-STD-202, Method 213, Condition I
Volt Rating (VRMS MAX)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
Ø Sea Level 250	Insertion (MAX Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106
VSWR 1.15±.03f(GHz)	Withdrawal (MIN Oz) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Insertion Loss (dB MAX) .15 √f(GHz)	Force to Engage and	
RF Leakage (dB MIN) -(60-fGHz)	Disengage (In-Lbs MAX) 2.0	
Corona, 70,000 Ft (VRMS MIN) 190	Center Contact Captivation	
Dielectric Withstanding Voltage	Axial (Lbs) 6.0	
(VRMS MIN) Ø Sea Level 750	Radial (In-Oz) 4.0	
Contact Resistance (Milliohms MAX)	Cable Retention	
Center Contact 4.0	Axial Force (Lbs) 20 Min	
Outer Contact 2.0	Torque (In-Oz) N/A	
Cable to Housing 0.5	Weight (Grams) 4.2	
RF High Potential Ø Sea Level		
(VRMS MIN Ø 5 MHz) 500		
I.R.(Megohms MIN) 10,000		