



DESIGNED FOR USE WITH RG-188A/U FLEX CABLE	REVISIONS
CABLE ENTRY DIAMETER MINIMUM	REV DESCRIPTION DATE APPROVED
FERRULE .125	05 <sub>0</sub> SEE ECN 92-0651 1/12/93 [Signature] 1/18/93
CONTACT .025	
HOUSING .066	

HOUSING COUPLING NUT CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
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 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 21B, Condition I
Volt Rating (VRMS MAX)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
Sea Level 250	Insertion (MAX Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106
VSWR 1.18±.02(1GHz)	Withdrawal (MIN Oz) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Insertion Loss (dB MAX) .07V (1GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	
RF Leakage (dB MIN) -60-(1GHz)	Center Contact Captivation	
Carona, 70,000 Ft (VRMS MIN) 190	Axial (Lbs) 6.0	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 750	Radial (In-Oz) 4.0	
Contact Resistance (Milliohms MAX)	Cable Retention	
Center Contact 3.0	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 Sea Level (VRMS MIN @ 5 MHz) 500		
LR (Megohms MIN) 10,000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC DEC ANGLES ±.166 ±.005 ±.1°	DESIGNED BY EJC CHECKED BY BKW DATE 7-25-68 8-13-68 10-1-68	DATE 7-25-68 8-13-68 10-1-68	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
USE ASSY PROCEDURE	NO. A.P. (20-067)	408-04683	TITLE OSM RIGHT ANGLE CABLE PLUG - CRIMP ATTACHMENT
SIZE B	CODE IDENT NO. 26805	2037-5008-02	REV 05 <sub>0</sub>
SCALE 2:1			SHEET 1 OF 1

CUSTOMER DRAWING AMP PART # 1052076-1 SHEET 1 OF 1 REV A