



DESIGNED FOR USE WITH RG-55/U. 142, 223 & 400 FLEXIBLE CABLES	
CABLE ENTRY DIAMETER MINIMUM	.040
CONTACT	.121
HOUSING	.121

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
030	SEE ECN 92-0656	1/12/93	<i>[Signature]</i> 1/15/93

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 NICKEL PLATE PER QQ-N-290
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-348, Fig. 310.1	Temperature Rating -65°C to 125°C
Frequency Range (GHz) Max operating frequency of cable per MIL-C-17	Recommended Mating Torque 7 to 10 Inch-Pounds	Vibration MIL-STD-202, Method 204, Cond. D
Voltage Rating (VRMS MIN) 335 @ Sea Level	Mating Characteristics: Insertion (MAX Lbs) N/A Withdrawal (MIN Oz) N/A	Shock MIL-STD-202, Method 213, Cond. I
VSWR 1.15 @ 0.02f(GHz)	Force to Engage and Disengage (In/Lbs MAX) 2.0	Thermal shock MIL-STD-202 Method 107, Cond. B except High Temp shall be 115°C
Insertion Loss(dB MAX) .07Vf(GHz)	Center Contact Captivation: Axial (Lbs) 6.0	Moisture Resistance MIL-STD-202, Method 106, except step 7b (vibration) shall be omitted
Rf Leakage (dB MIN) -[60-f(GHz)]	Radial (Inch-Ounces) 4.0	Corrosion MIL-STD-202, Method 101, Cond. B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250 D.W.V.	Cable Retention Axial (Lbs) 40 Min(45 Min when used with double braid cable)	
(VRMS MIN) 1000 @ Sea Level	Torque (Inch Ounces) N/A	
Contact Resistance	Weight (Grams) 4.8	
Center Contact (Milliohms MAX) 3.0	Hermetic Seal N/A	
Outer Contact (Milliohms MAX) 2.0		
Cable To Hsg. (Milliohms MAX) 0.5		
RF High Potential (VRMS MIN @ 5 MHz) 670 @ Sea Level		
I.R. (Megohms Min) 10,000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC DEC ANGLES ±.106 ±.005 ±.1°	DESIGNED BY EJC CHECKED BY BD DATE 6/17/68 6/19/68 6/19/68	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
USE ASSY PROCEDURE 408-04681 NO. A.P. (20-065)	TITLE OSM RIGHT ANGLE CABLE PLUG - CRIMP ATTACHMENT	SIZE B CODE IDENT NO. 26805 SCALE 2:1
		REV 030 2037-5007-00 SHEET 1 OF 1

CUSTOMER DRAWING AMP PART # 1052071-1 SHEET 1 OF 1 REV A