



DESIGNED FOR USE WITH	RG-58/U, 141, 303 FLEXIBLE CABLES
CABLE ENTRY DIAMETER	MINIMUM
CONTACT	.040
HOUSING	.121

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	1/15/93	<i>D. Comello</i>

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 Radial (Inch-Ounces) 4.0	Moisture Resistance MIL-STD-202, Method 106, except step 7b (vibration) shall be omitted
Rf Leakage (dB MIN) -[60-f(GHz)]	Cable Retention Axial (Lbs) 40 Min(45 Min when used with double braid cable) Torque (Inch Ounces) N/A	Corrosion MIL-STD-202, Method 101, Cond. B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250 D.W.V.	Weight (Grams) 4.8	
(VRMS MIN) .000 @ Sea Level	Hermetic Seal N/A	
Contact Resistance Center Contact (Milliohms MAX) 3.0 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	DRAWN BY <i>BB</i> DATE 1/12/93	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC DEC ANGLES ±.005 ±.002 ±.1°	CHECKED BY <i>D. Comello</i> 1/15/93	
These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part on the basis for the manufacture or sale of item(s) without written permission.	USE ASSY PROCEDURE 408-04682 NO. A.P. (20-066)	AMP
TITLE OSM RIGHT ANGLE CABLE PLUG - CRIMP ATTACHMENT		SIZE B
NO. A.P. (20-066)		CODE IDENT NO. 26805
SCALE 2:1		2037-5056-00
		REV 010
		SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1052092-1
SHEET 1 OF 1 REV A