



DESIGNED FOR USE WITH RG-188A/U FLEX CABLE	REV	DESCRIPTION	DATE	APPROVED
CABLE ENTRY DIAMETER MINIMUM	040	SEE ECN 92-0651	1/12/93	1/18/93
FERRULE	.125			
CONTACT	.025			
HOUSING	.066			

REVISIONS				
REV	DESCRIPTION	DATE	APPROVED	
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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-2305374	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 Torque 7-10 In-Lbs	Vibration MIL-STD-202, Method 204, Condition D
Operating Frequency of Cable per MIL-C-17	Mating Characteristics: Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 21B, Condition I
Volt Rating (VRMS MAX) Sea Level 250	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
VSWR 1.18±.02(1GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) .07V (1GHz)	Center Contact Captivation Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) -(60-1GHz)	Radial (In-Oz) 4.0	
Corona, 70,000 Ft (VRMS MIN) 190	Cable Retention Axial Force (Lbs) 20 Min	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 750	Torque (In-Oz) N/A	
Contact Resistance (Milliohms MAX)	Weight (Grams) 4.2	
Center Contact 3.0		
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential Sea Level (VRMS MIN @ 5 MHz) 500		
LR (Megohms MIN) 10,000		

COMPONENT	MATERIAL	FINISH														
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES																
TOLERANCE ON FRACTIONAL DECIMAL ANGLES ±.005 ±.1°																
DESIGNED BY EJC	DATE 5-22-66	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599														
DRAWN BY BKW	5-24-68															
CHECKED BY CD	5-24-68															
USE ASSY PROCEDURE																
408-04683 NO. A.P. (20-067)		<table border="1"> <tr> <td>TITLE</td> <td>OSM RIGHT ANGLE CABLE PLUG - CRIMP ATTACHMENT</td> </tr> <tr> <td>SIZE</td> <td>B</td> </tr> <tr> <td>CODE DENT NO.</td> <td>26805</td> </tr> <tr> <td></td> <td>2037-5008-00</td> </tr> <tr> <td>SCALE</td> <td>2:1</td> </tr> <tr> <td>REV</td> <td>040</td> </tr> <tr> <td>SHEET</td> <td>1 OF 1</td> </tr> </table>	TITLE	OSM RIGHT ANGLE CABLE PLUG - CRIMP ATTACHMENT	SIZE	B	CODE DENT NO.	26805		2037-5008-00	SCALE	2:1	REV	040	SHEET	1 OF 1
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CUSTOMER DRAWING AMP PART # 1052075-1 SHEET 1 OF 1 REV A