



DESIGNED FOR USE WITH .141 (RG-402) S/R CABLE	REVISIONS		
CABLE ENTRY DIAMETER MINIMUM	REV	DESCRIPTION	DATE
CONTACT HOUSING	03 <sub>0</sub>	REVISED	01/25/95
			<i>AD</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348, Fig. 310.1	Temperature Rating <u>-65°C To 125°C</u>
Frequency Range (GHz) DC to <u>12</u>	Recommended Mating Torque <u>7-10 Inch-Lbs</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.10 + .010 f GHz</u>	Withdrawal (MIN Oz) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.05√fGHz</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Except High Temp 115°C
RF Leakage (dB MIN) <u>-60 @ 2 To 3 GHz</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Radial (In/Oz) <u>4.0</u>	Shall Be Omitted
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>	Cable Retention Axial Force (Lbs) <u>60</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>	Torque (In/Oz) <u>55</u>	<u>.XXX = in</u>
Outer Contact <u>2.0</u>	Weight (Grams) <u>3.9</u>	<u>XX.X = mm</u>
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1000</u>		
LR.(Megohms MIN) <u>5.000</u>		

COMPONENT	MATERIAL	FINISH
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 OR ASTM-B-197 ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY <u>BWC</u> DATE <u>6/5/67</u>	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	CHECKED BY <u>EJD</u> DATE <u>7/7/67</u>	
These drawings and speci- fications are the property of M/A COM Interconnect Div. and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of a item(s) without written permission.	APPD BY <u>D. NANIA</u> DATE <u>7/8/67</u>	
USE ASSY PROCEDURE	NO. A.P. <u>408-04831</u> <u>(20-016)</u>	TITLE <u>OSM HIGH FREQUENCY RIGHT ANGLE CABLE PLUG -DIRECT SOLDER ATTACHMENT</u>
	SCALE: <u>5:1</u>	SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 2007-7941-00 REV <u>03<sub>0</sub></u>
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