



DESIGNED FOR USE WITH	.085 SEMI-RIGID CABLE
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.025
SLEEVE	.087

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	7/1/94	<i>PA</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310.1</u>	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) DC to <u>18.0</u>	Recommended Mating Torque <u>7-10 in-lbs</u>	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.07 + .01 f(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +115°C
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>[-90-f(GHz)]</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Cable Retention Axial Force (Lbs MIN) <u>30.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Torque (In-Oz) <u>16.0</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>	Weight (Grams) <u>TBD</u>	
Outer Contact <u>2.0</u>		
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>		
LR.(Megohms MIN) <u>5,000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CLAMP NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A-380
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
SLEEVE	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
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 TOLERANCE ON	DRAWN BY <i>PA</i> DATE 7/1/94	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599																
	CHECKED BY																	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	APPD BY <i>PA</i> DATE 7/1/94	<table border="1"> <tr> <td colspan="4">TITLE OSM STRAIGHT CABLE PLUG-SOLDER CLAMP ATTACHMENT M39012/79-3007 CAT E</td> </tr> <tr> <td>SIZE</td> <td>CODE IDENT NO.</td> <td>REV</td> <td></td> </tr> <tr> <td>B</td> <td>26805</td> <td>2001-8007-92</td> <td>010</td> </tr> <tr> <td colspan="2">SCALE 5 : 1</td> <td colspan="2">SHEET 1 OF 1</td> </tr> </table>	TITLE OSM STRAIGHT CABLE PLUG-SOLDER CLAMP ATTACHMENT M39012/79-3007 CAT E				SIZE	CODE IDENT NO.	REV		B	26805	2001-8007-92	010	SCALE 5 : 1		SHEET 1 OF 1	
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