



DESIGNED FOR USE WITH	.085 SEMI-RIGID CABLE
CABLE ENTRY DIAMETER	MINIMUM
HOUSING	.0875

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₃	REVISED	05/05/94	<i>AD</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A	Temperature Rating <u>-65°C to +105°C</u>
Frequency Range (GHz) DC to <u>26.5</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Torque <u>7 to 8</u> In - Lbs	Shock MIL-STD-202, Method 213, Condition I
⊙ Sea Level <u>250</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +115°C
VSWR <u>1.035 + .005f(GHz)</u>	Insertion (MAX Lbs) <u>N/A</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Insertion Loss (dB MAX) <u>.03√f(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Shall Be Omitted
RF Leakage (dB MIN) <u>-[90-f(GHz)]</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) ⊙ Sea Level <u>750</u>	Axial (Lbs) <u>N/A</u>	
Contact Resistance (Milliohms MAX)	Radial (In/Oz) <u>N/A</u>	
Center Contact <u>2.0</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial Force (Lbs) <u>30</u>	
Cable to Housing <u>0.5</u>	Torque (In/Oz) <u>16</u>	
RF High Potential ⊙ Sea Level (VRMS MIN ⊙ 5 MHz) <u>500</u>	Weight (Grams) <u>1.0</u>	
I.R.(Megohms MIN) <u>N/A</u>		

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303
COUPLING NUT	
RETAINING RING	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H
GASKET	SILICONE RUBBER PER ZZ-R-765

COMPONENT	MATERIAL	FINISH
		GOLD PLATE PER MIL-G-45204
		N/A
		N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
TOLERANCE ON		
FRAC.	DEC.	ANGLES
± 1/64	± .005	± °

DRAWN BY	DATE
PSM	7/11/68
CHECKED BY	DATE
PRB	7/11/68
APPD BY	DATE
	7/11/68

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USE ASS'Y PROCEDURE
 NO. AP. 10-001
(408-04796)

TITLE			
OSSM STRAIGHT CABLE PLUG - DIRECT SOLDER ATTACHMENT			
SIZE	CODE IDENT NO.		REV
B	26805	1001-7985-00	02 ₃
SCALE	10 : 1	SHEET 1 OF 1	