



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	6/25/98	<i>J. Cornelli</i>
B	REVISED PER 0U20-0262-01	GV 1/6/03	JGH

ELECTRICAL
Nominal Impedance (Ohms) 50
Frequency Range (GHz) DC to 2
Volt Rating (VRMS MAX) @ Sea Level 335
VSWR 1.12 MAX
Insertion Loss (dB MAX) $.08\sqrt{F(\text{GHz})}$
RF Leakage (dB MIN) $-[90-F(\text{GHz})]$
Corona, 70,000 Ft (VRMS MIN) 250
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000
Contact Resistance (Milliohms MAX) Center Contact 3.0 Outer Contact 2.0
Cable to Housing N/A
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670
I.R.(Megohms MIN) 10,000

MECHANICAL
Interface Dimensions MIL-STD-348, Fig. 321.1
Force to Engage (Lbs MAX) 3
Force to Disengage (Lbs MAX) 1.5
Center Contact Captivation Axial (Lbs) 6.0 Radial (In/Dz) 4.0
Weight (Grams) TBD

ENVIRONMENTAL
TEMPERATURE RATING -65°C TO 125°C
Vibration MIL-STD-202, Method 204 204, Condition D
Shock MIL-STD-202, Method 213, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition B,
Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Shall Be Omitted
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

HOUSING	MATERIAL	FINISH
STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35	
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT CONTACT EXT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
Ø-RING	FLOUROSILICONE PER MIL-R- 25988, CLASS I, TYPE I.	N/A
COMPONENT	MATERIAL	FINISH

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

GEN. TOL. ±.010 ANGLES ± 1°

DRAWN BY *J. Cornelli* DATE 5/7/98

CHECKED BY

APP'D BY *J. Cornelli* 6/25/1998

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.XXX = in
XX.X = mm (REF)

TITLE OSP RIGHT ANGLE 4 HOLE FLANGE MOUNT PLUG RECEPTACLE STRAIGHT TERMINAL			
SIZE B	CODE IDENT NO. 26805	4553-5005-02	REV 010
SCALE 4:1			SHEET 1 OF 1