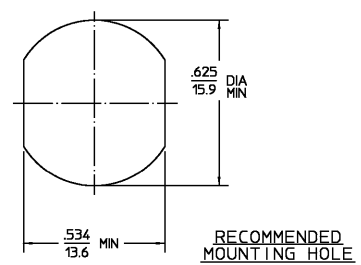


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B1	REVISED PER ECO-11-005294	14APR11	HMR



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.2 (OSM) & 304.2 (N)	Temperature Rating -65°C to +125°C
Frequency Range (GHz) DC to 15	Recommended Mating Torque: OSM: 7-10 in-lbs	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX) 335 @ Sea Level	Type N: 12-15 in-lbs	Shock MIL-STD-202, Method 213, Condition I
VSWR DC - 12.4GHz: 1.06+0.005(GHz) MAX	Mating Characteristics: OSM-Insertion (MAX lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition C, except high temp shall be +115°C
12.4 - 15.0GHz: .83+0.023f(GHz) MAX	Type N-Insertion (MAX lbs) 2.0	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) .18 @ 9GHz	OSM-Withdrawal (MIN oz) 1.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) -65 @ 2-3 GHz	Type N-Withdrawal (MIN oz) 2.0	
Corona, 70,000 Ft (VRMS MIN) 250	Force to Engage and Disengage OSM (in-lbs MAX) 2.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000	Type N (in-lbs MAX) 6.0	
Contact Resistance (Milliohms MAX) Center Contact 4.1	Center Contact Captivation Axial (lbs) 6.0	
Outer Contact 2.2	Radial (in-oz) 4.0	
Cable to Housing N/A	Cable Retention Axial Force (lbs) N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1,000	Torque (in-oz) N/A	
IR.(Megohms MIN) 5,000	Weight (Grams) TBD	

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY SWA DATE 11/19/84	TE Connectivity
TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY MLB DATE 11/15/84	
APPROVED BY DRG DATE 11/27/84	USE ASSY PROCEDURE	
These drawings and specifications are the property of Oerli Spectra Incorporated and shall not be reproduced or copied or used in whole or in part on the basis for the manufacture or sale of items without written permission.		TITLE OSM JACK TO OSN JACK BULKHEAD FEEDTHROUGH ADAPTER
NO. AP. N/A	SCALE 3:1	CODE IDENT NO. 26805 1057463-1 REV B1 SHEET 1 OF 1

.XXX = in  
XX.X = mm