



LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	C	REV PER ECO 15-012696		9-2-15	CT	DW	

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.2	TEMPERATURE RATING -65 C° TO +125 C°
Frequency Range (GHz) DC to 18 GHz	Recommended Mating Torque 7-10 in-lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 600	Mating Characteristics: Insertion (MAX Lbs) 3.0	Shock MIL-STD-202, Method 213, Condition A
VSWR 1.08 + .025 F(GHz)	Withdrawal (MIN Oz) 1.0	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .07 √f(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -[60-f(GHz)]	Center Contact Captivation Axial (Lbs MIN) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Radial (In-Oz MIN) 4.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Weight (Grams) TBD	
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) 1,000		
I.R.(Megohms MIN) 10,000		

COMPONENT	MATERIAL	FINISH
HOUSING	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

1052508-1 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P. YEAGER 25JAN12	TE Connectivity OSM FLANGE MOUNT JACK RECEPT MICROSTRIP TRANSMISSION LINE				
DIMENSIONS: INCHES		CHK D. WILSON 25JAN12				NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. WILSON 25JAN12				SIZE CAGE CODE DRAWING NO RESTRICTED TO	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± 1°		PRODUCT SPEC				A3 00779 C-1052508	
MATERIAL SEE TABLE		FINISH SEE TABLE	APPLICATION SPEC	SCALE 1:1 SHEET 1 OF 1 REV C			
			WEIGHT -	CUSTOMER DRAWING			