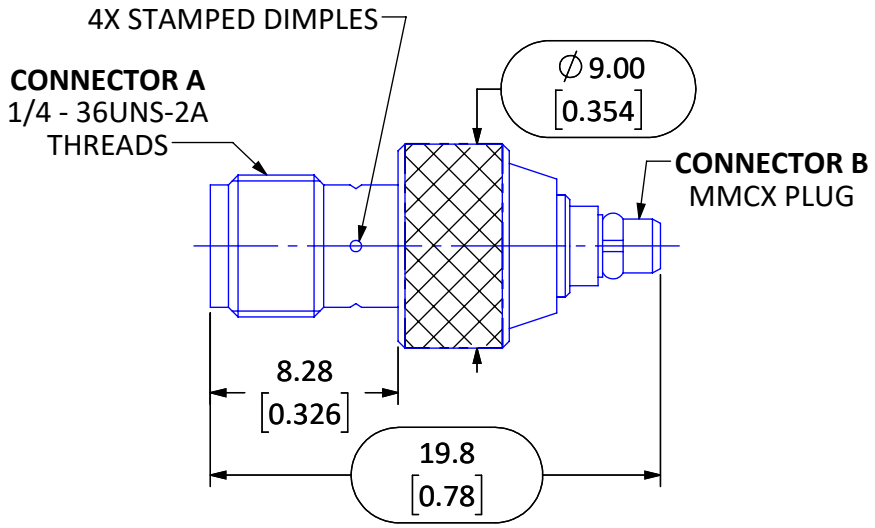
Connector A: SMA Jack				
Connector B: MMCX Plug				
Body Style	Straight			
	Connector A		Connector B	
Connector Part	Material	Finish	Material	Finish
Body	Brass	Gold	Brass	Gold
Center Contact	Be Cu	Gold	Be Cu	Gold
Insulator	PTFE	–	PTFE	–
Washer	–	–	Be Cu	Gold

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWING	9-OCT-17	CLL
B	ADDED ADDITIONAL SPECIFICATIONS TABLES	17/JAN/19	SH



NOTES: (UNLESS OTHERWISE SPECIFIED)
1. ALL DIMENSIONS ARE IN mm [INCHES].
2. DIMENSIONS APPLY AFTER FINISHING.
3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE,
4. USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES
5. OF VERY HIGH CONCERN >1000ppm, AND USE DRC
6. CONFLICT-FREE SOURCED MATERIALS.
7. SAFETY BREAK ALL SHARP CORNERS AND EDGES 0.5 MAXIMUM.
8. SEE TABLE I FOR ELECTRICAL SPECIFICATIONS. (SHEET 2)
9. SEE TABLE II FOR ENVIRONMENTAL SPECIFICATIONS. (SHEET 2)
10. SEE TABLE III FOR MECHANICAL SPECIFICATIONS. (SHEET 2)
11. LABEL LOT BAG AND BOX IAW LINX LABEL DRAWING [MEC-LBL 4x2.5-PAPER-ID]

MATERIAL:

FINISH:

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.
.X ±2.0
.XX ±1.00
.XXX ±.500
ANGLES: ±1°
SURFACE: 32

PROJECTION:

DRAWN: M. SCHULTE DT: 30/OCT/18
ENGR: DV DT: 17/JAN/19

159 ORT LANE
MERLIN, OR 97532

TITLE:
ADAPTER, SMA FEMALE TO MMCX MALE

SIZE	DWG. NO.	REV
A	C-ADP-SMAF-MMXM	B

SCALE: 3:1 DO NOT SCALE DRAWING SHEET 1 OF 2

TABLE I

Electrical Data	**Detail**	
Impedance	50 Ω	
Frequency Range	0 to 6 GHz	
VSWR	≤ 1.2 : 1	
Insulation Resistance	5 000 MΩ min.	
Voltage Rating	170 V RMS	
	Connector A	Connector B
Contact Resistance, Center	10.0 mΩ max.	10.0 mΩ max.
Contact Resistance, Outer	5.0 mΩ max.	5.0 mΩ max.
Insertion Loss	0.06 dB max. x √f GHz	–
RF Leakage	-60 dB min. @ 3 GHz	–

TABLE II

Environmental Data	**Detail**
Corrosion (Salt spray)	ASTM B-117
Thermal Shock	MIL-STD-202 Method 107 test condition B
Vibration	MIL-STD-202 Method 204 test condition D
Mechanical Shock	MIL-STD-202 Method 213 test condition I
Temperature Range	-65 °C to +165 °C
Environmental Compliance	RoHS

TABLE III

Mechanical Data	**Detail**	
Mounting Type	Free Hanging (In-Line)	
Interface In Accordance With	MIL-STD-348A & BS EN 122340	
Weight	3.8 g (0.13 oz)	
	Connector A	Connector B
Fastening Type	1/4"-36 Threaded Coupling	"Push-Pull" Snap-on Coupling
Recommended Torque	0.9 N·m (8 in·lbs)	–
Coupling Nut Retention	60 lbs. min.	–
Connector Durability	500 cycles min.	500 cycles min.