

5 TABLE I

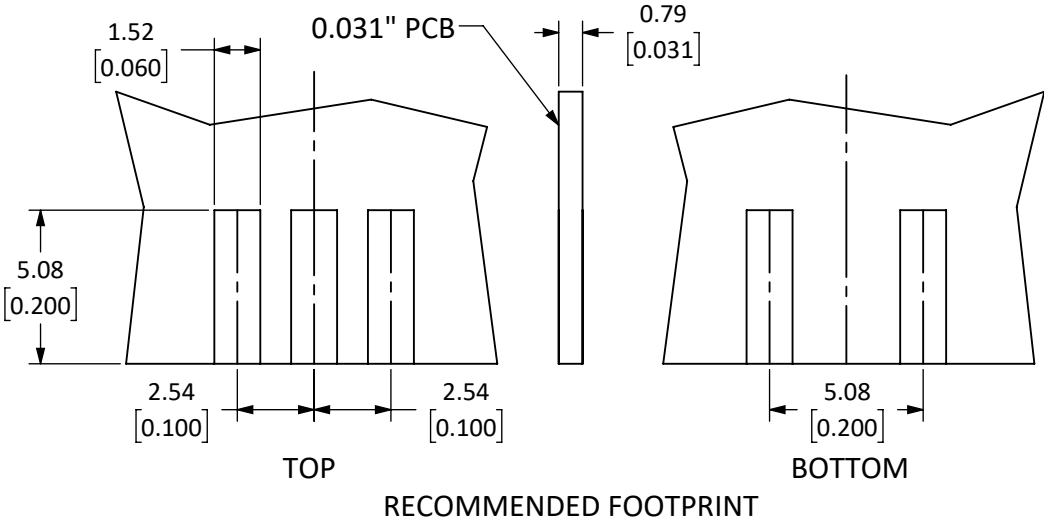
Electrical Data	Detail	
	CON SMA013.031	CON SMA013.031-G
Impedance	50 Ω	50 Ω
Frequency Range	0 to 18 GHz	0 to 18 GHz
Insulation Resistance	≥ 5000 M Ω	≥ 5000 M Ω
Voltage Rating	1000 V RMS	1000 V RMS
Contact Resistance	Center ≤ 3.0 m Ω Outer: ≤ 2.5 m Ω	Center ≤ 3.0 m Ω Outer: ≤ 2.5 m Ω
VSWR	≤ 1.2 @ 6 GHz	≤ 1.2 @ 6 GHz

6 TABLE II

Environmental Data	Detail
Corrosion (Salt Spray)	MIL-STD-202 METHOD 101 TEST CONDITION B
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	-55 °C to +155 °C
Environmental Compliance	RoHS

7 TABLE III

Mechanical Data	Detail
Mounting Type	PCB Edge Mount
Fastening Type	1/4"-36UNS-2B Threaded Coupling
Recommended Torque	0.57 N.m (5 in.lbs)
Coupling Nut Retention	60 lbs min.
Connector Durability	500 cycles min.
Weight	3.4 g (0.12 oz)



SIZE	DWG. NO.	REV
A	CON SMA013.031-*	A
SCALE: 4:1	DO NOT SCALE DRAWING	SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Linx Technologies:](#)

[CONSMA013.031](#)