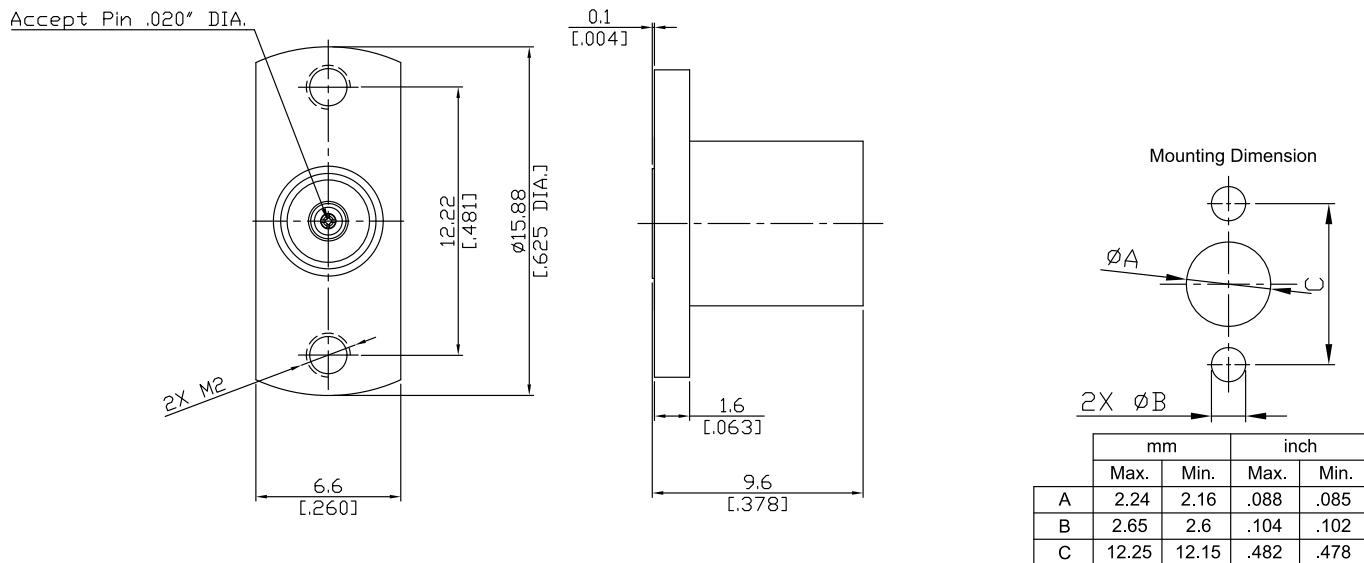


BMA Jack (Female) Slide-On Field Replaceable Connector 2 Hole Flange Mount  
0.51 mm [.020 inch] Accept Pin DC-22GHz, VSWR1.25

# BMA2BT50-0020B / 9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

According to

IEC 61169-33; MIL-STD-348B/321

## Electrical Data

Impedance	50 Ω
Frequency	DC to 22 GHz
VSWR (Return Loss)	≤ 1.25 (≥ 19.08 dB)
Insertion Loss	≤ 0.07 x √F (GHz) dB
Insulation Resistance	≥ 5 GΩ
Test Voltage (at sea level)	1000 V rms
Working Voltage (at sea level)	400 V rms
RF-leakage	≥ 85 dB up to 1 GHz

## Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	

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0.51 mm [.020 inch] Accept Pin DC-22GHz, VSWR1.25

## BMA2BT50-0020B / 9X

### Mechanical Data

Coupling Mechanisms	Slide-On
Mating Cycles	≥ 1000
Center Contact Captivation	≥ 27 N
Engagement Force	≤ 13.5 N
Disengagement Force	≥ 2.0 N

### Environmental Data

Temperature Range	-55 °C to +155 °C
Thermal Shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion Resistance	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

### Packing

Single or 100