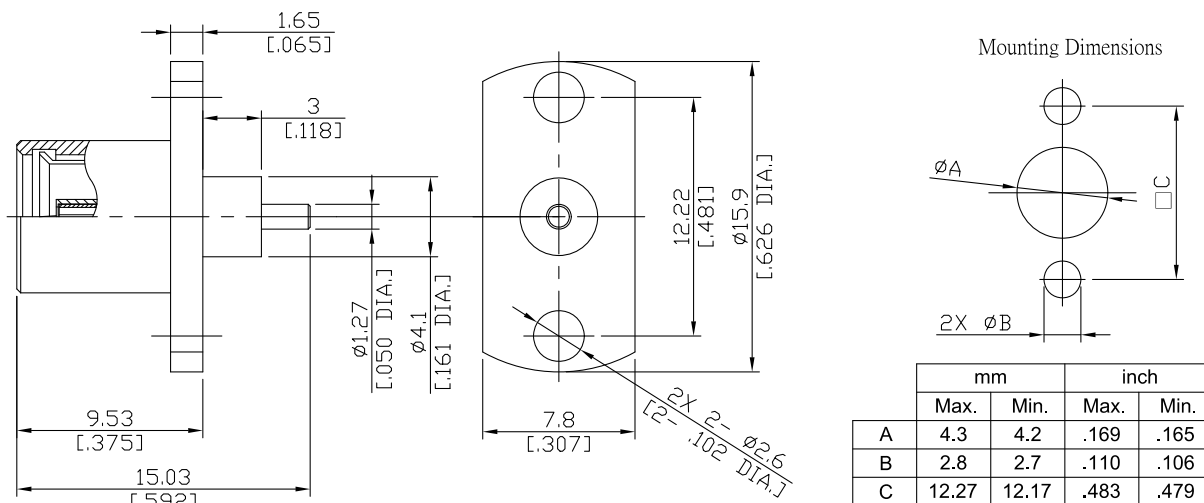


BMA Jack (Female) Slide-On Panel Connector Solder Attachment
2 Hole Flange Mount Stub Terminal, 12.22mm [.481] Hole Spacing DC-22 GHz VSWR1.25

BMA2GTA50-1503A / 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

$50 \pm 2 \Omega$

Frequency

DC to 22 GHz

VSWR (Return loss)

≤ 1.25 (≥ 19.08 dB)

Insertion loss

$\leq 0.07 \times \sqrt{F}$ (GHz) dB

Insulation resistance

$\geq 5 G\Omega$

Test voltage (at sea level)

1000 V rms

Working voltage (at sea level)

400 V rms

-VSWR in application depends decisive on PCB layout or cavity design-

Material And Plating

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

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Mechanical Data

Coupling mechanisms	Slide-on
Mating cycles	≥ 1000
Center contact captivation	≥ 27 N
Engagement force	≤ 13.5 N
Disengagement force	≥ 2 N
Centre Contact	Soldered
Terminal Type	Stub
Captivated Type	Mechanical

Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100