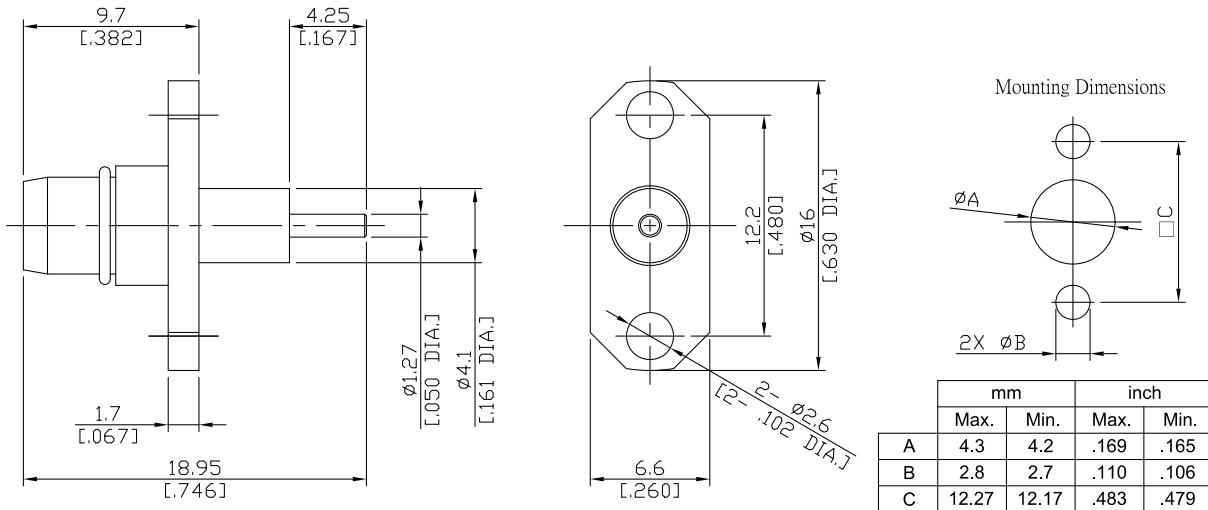


BMA Plug (Male) Slide-On Panel Connector Solder Attachment  
2 Hole Flange Mount Stub Terminal, 12.2mm [.480] Hole Spacing DC-22 GHz VSWR 1.25

## BMA1GTA50-1895A / 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± 2 Ω
Frequency	DC to 22 GHz
VSWR (Return loss)	≤ 1.25 (≥ 19.08dB)
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

-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	
Gasket	Silicone Rubber	

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:-

Date:  
DEC/27/2024

Rosnol RF/Microwave Technology Co., Ltd.  
[www.rosnol.com](http://www.rosnol.com); [info@rosnol.com](mailto:info@rosnol.com)

Phone: +886-3-463-5095 / Fax: +886-3-463-5952  
N-CAGE Code: SFKK0 / ISO9001 Certified

Page

1/2

BMA Plug (Male) Slide-On Panel Connector Solder Attachment  
2 Hole Flange Mount Stub Terminal, 12.2mm [.480] Hole Spacing DC-22 GHz VSWR 1.25

## BMA1GTA50-1895A / 9X

### 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