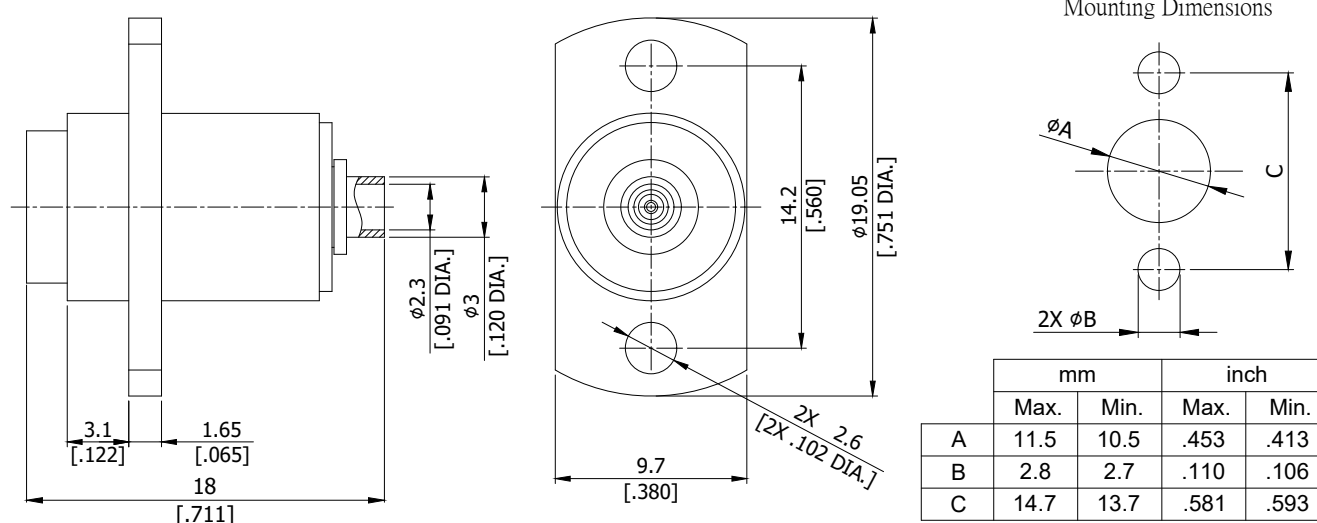


BMA Plug (Male) 2-Hole Panel Connector Crimp Attachment .085, RG-405
Cable DC-18 GHz VSWR1.25

BMA2EBT50-0085A / 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

 $50\ \Omega$

Frequency

DC to 18 GHz

VSWR (Return Loss)

 ≤ 1.25 (≥ 19.08 dB)

Insertion Loss

$$\leq 0.05 \times \sqrt{F \text{ (GHz)}} \text{ dB}$$

Insulation Resistance

 $\geq 5 \text{ G}\Omega$

Center Contact Resistance

 $\leq 2.0 \text{ m}\Omega$

Outer Contact Resistance

 $\leq 2.0 \text{ m}\Omega$

Test Voltage (at sea level)

1000 V_{rms}

Working Voltage (at sea level)

400 V rms

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	

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 :-

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12/7/2021

N-CAGE Code: SFKK0 / ISO9001 Certified

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BMA Plug (Male) Bulkhead Connector Crimp Attachment .085, RG-405 Cable
DC-18 GHz VSWR1.25

BMA2EBT50-0085A / 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	-65°C to +165°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