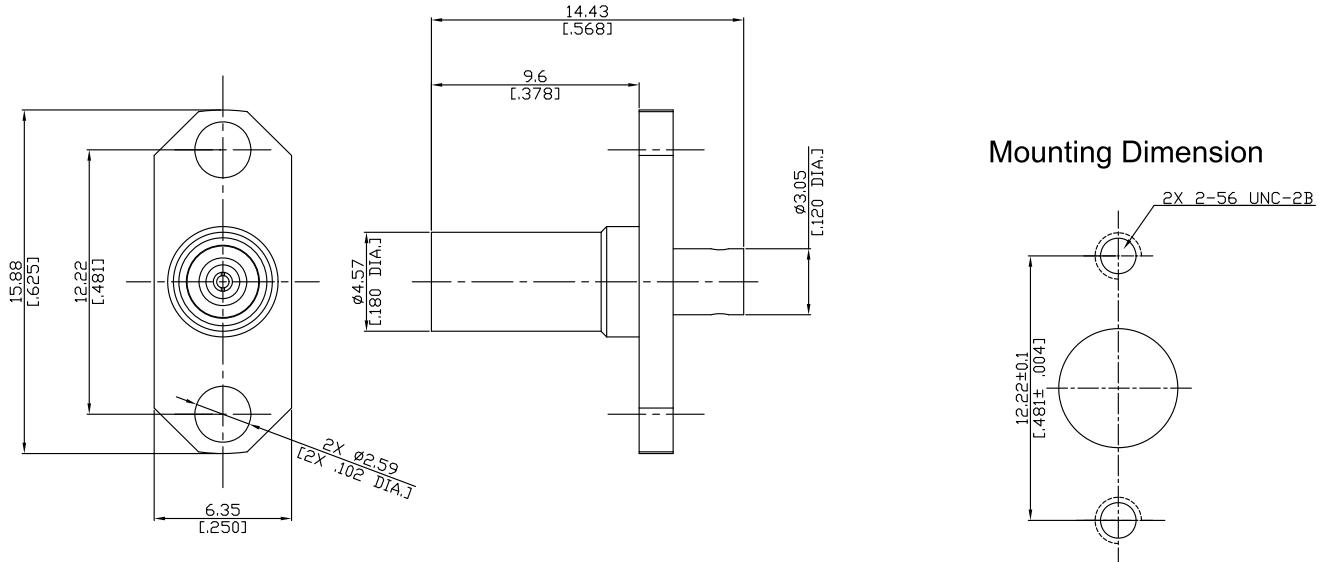


## BMZ Jack (female) Connector 2 Hole Flange Mount for .085 DC-18 GHz

### BMZ2EBT50-0085A / 9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

According to

MIL-STD-348B

#### Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

-

Insertion Loss

$\leq 0.06 \times \sqrt{F}$  (GHz) dB

Insulation Resistance

$\geq 10 \text{ G}\Omega$

Test Voltage (at sea level)

1000 V rms

-VSWR in application depends decisive on cable assembly process

#### Material And Plating

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

BMZ Jack (female) Connector 2 Hole Flange Mount for .085  
DC-18 GHz

## BMZ2EBT50-0085A / 9X

## Mechanical Data

Coupling mechanisms	Push-on
Mating Cycles	≥ 500
Engagement force	3.336 N
Disengagement force	0.578 N

## 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

## Suitable Cables

.085, .086, RG405; Rosnol RSR-085, RSF-085, EF405

## Packing

Single or 100