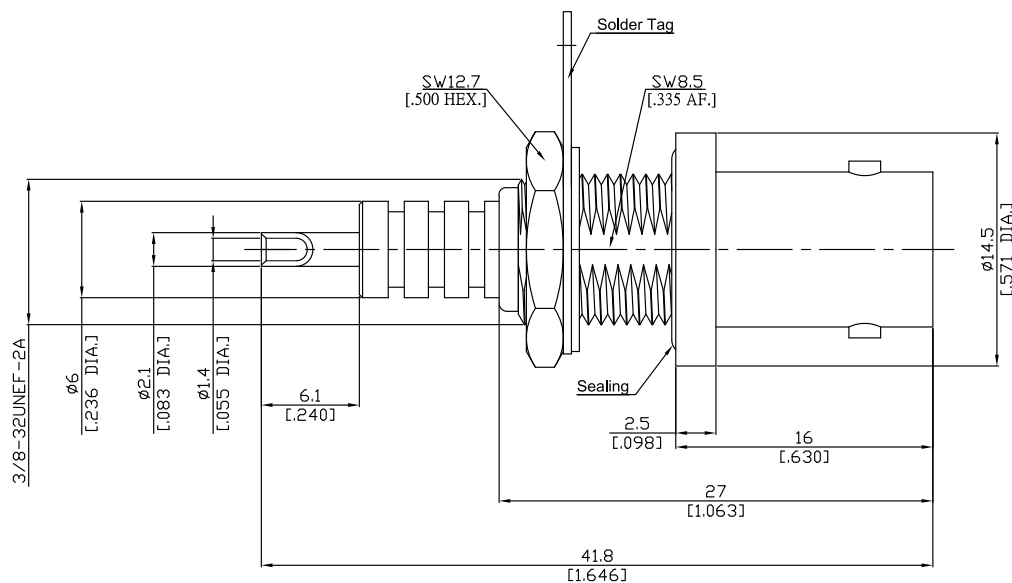


MHV Female Bulkhead Mount Connector Solder Attachment Solder Cup Terminal DC-300 MHz

MHV2FB50-4180B / H4



Mounting Dimension

	mm		inch	
	Max.	Min.	Max.	Min.
A	10.92	9.65	.430	.380
B	9.91	8.64	.390	.340

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

MIL-STD-348B/303

Electrical Data

Impedance	50 Ω
Frequency	DC to 300 MHz
VSWR (Return Loss)	≤1.3
Insertion loss	N/A
Insulation resistance	≥ 5 GΩ
Centre contact	≤ 2 mΩ
Outer contact resistance	≤ 1 mΩ
Working voltage (at sea level)	1.6 kV rms, 50 Hz (in mated condition)

Material And Plating

Piece Parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Fastening nut	Brass	Copper-Tin-Zinc Alloy
Washer	Brass	Copper-Tin-Zinc Alloy

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Mechanical Data

Coupling mechanisms	Bayonet-lock
Mating cycles	min. 500
Centre Contact	Soldered
Terminal Type	Solder cup
Center contact captivation: axial	≥ 27 N
Recommended torque	2 Nm

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 B
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100