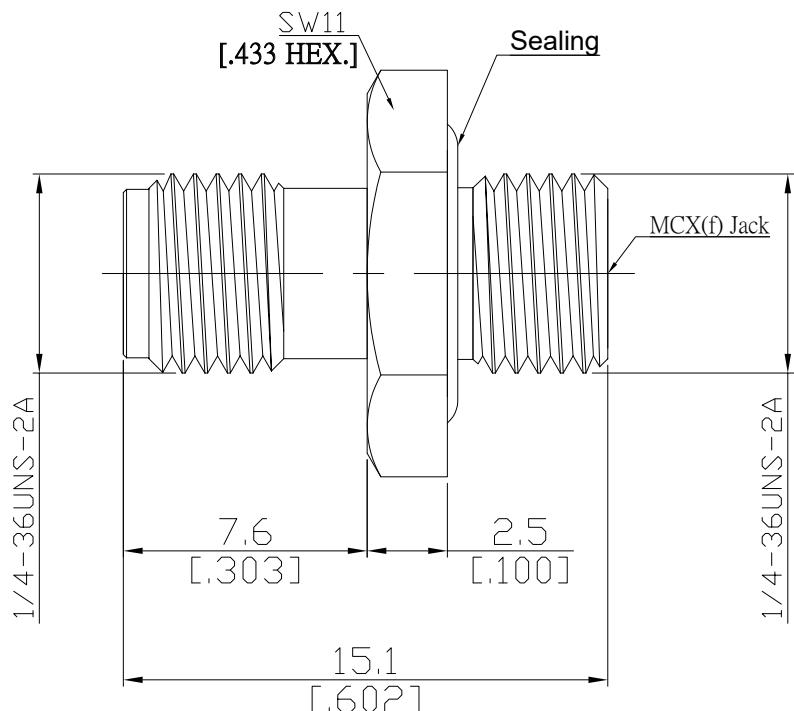


SMA Jack (Female) to MMCX Jack (Female) Bulkhead Adapter DC-6GHz VSWR 1.20

AD-A2MX25A-BH / 94-94



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

SMA according to IEC 60169-15; MIL-C-39012; MIL-STD-348A/310
MCX side according to IEC 60169-36

Electrical Data

Impedance	50 Ω
Frequency	DC to 6 GHz
VSWR (Return Loss)	≤ 1.20 (≥ 20.8 dB)
Insertion Loss	≤ 0.05 x √F (GHz) dB
Insulation resistance	≥ 1 GΩ
Center contact resistance	≤ 5.0 mΩ, MCX side;
Outer contact resistance	≤ 2.5 mΩ, MCX side;
Test voltage	750 V rms
Working voltage	335 V rms
Contact Current	1.5A DC max.

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Piece Parts (MCX)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Copper-Tin-Zinc Alloy
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:
JUL/16/2021

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N-CAGE Code: SFKK0 / ISO9001 Certified

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SMA Jack (Female) to MMCX Jack (Female) Bulkhead Adapter
DC-6GHz VSWR 1.20

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Mechanical Data

Coupling mechanisms	SMA Side	MMCX Side
Center contact captivation: axial	Screw-lock	Snap-lock
Engagement force	≥ 27 N	≥ 27 N
Disengagement force	≤ 25 N	N/A
Coupling test torque	8 N min. to 20 N max.	N/A
Recommended torque	N/A	max. 1.7 Nm

Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	CECC 22 220, Chapter 4.6.7
Vibration	CECC 22 220, Chapter 4.6.3
Corrosion	CECC 22 220, Chapter 4.6.10
Moisture resistance	CECC 22 220, Chapter 4.6.6
RoHS	compliant

Packing

Single or 100

Related Document

Mounting Dimension MD7