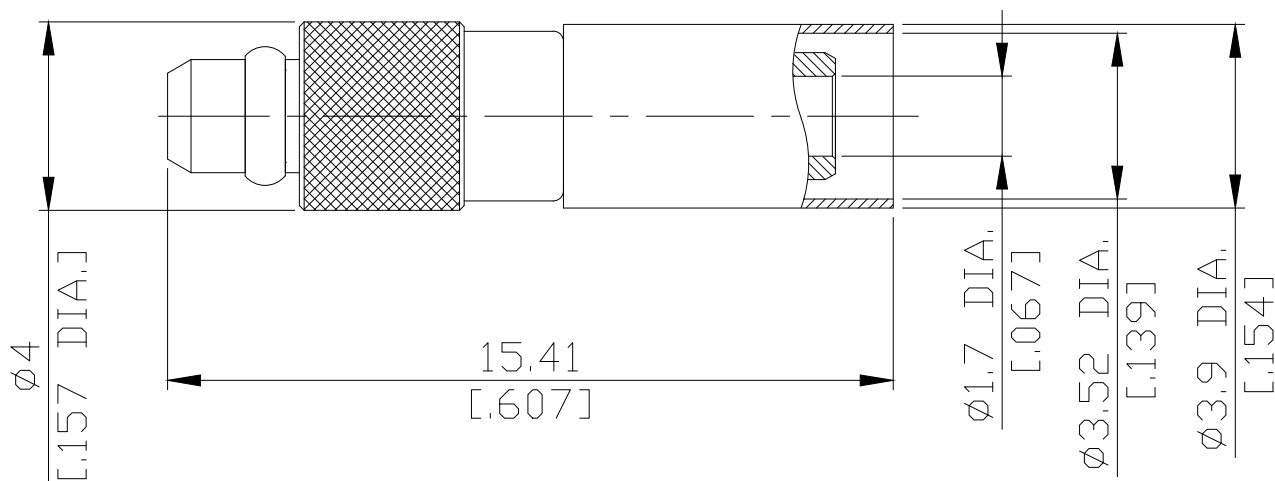


MMCX Plug Connector Crimp/Solder Attachment for LMR-100APVC DC-6GHz VSWR 1.4

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All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-52

Electrical Data

Impedance	50 Ω
Frequency	DC to 6 GHz
VSWR (Return Loss)	≤ 1.4 (≥ 15.6 dB)
Insertion Loss	≤ 0.1 x √F (GHz) dB
Dielectric withstanding voltage	500 V rms
Working Voltage (at sea level)	170 V rms
Insulation Resistance	≥ 500 MΩ
Center contact resistance	≤ 10 mΩ
Outer contact resistance	≤ 5 mΩ
Power handling	≤ 200 W @ 2 GHz
RF Leakage	≥ 70dB up to 1 GHz

Material And Plating

Piece Parts	Material	Plating
Centre Contact	Brass	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Insulator	PTFE	
Gasket	Silicone Rubber	
Crimp ferrules	Brass	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)

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:
12/7/2020

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Centre contact	Crimped
Cable entry	Crimped
Engagement force	≤ 15 N
Disengagement force	6 to 15 N
Contact captivation	≥ 10 N

Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition F
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition C
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100