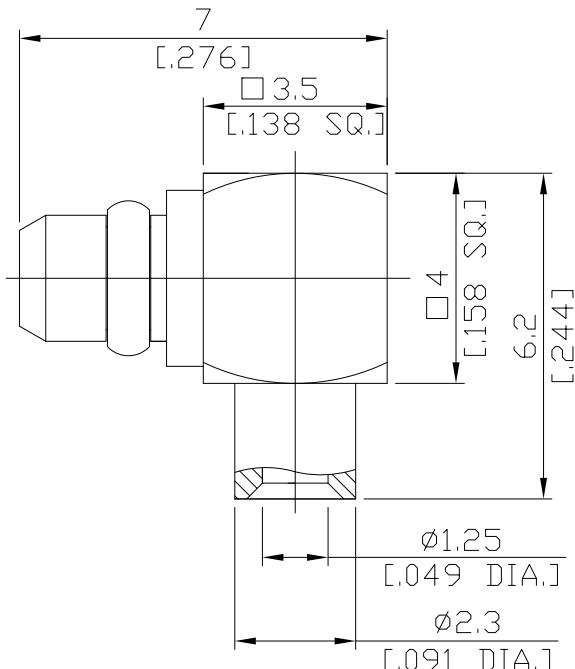


MMCX Plug Right Angle Connector Solder Attachment for .047 DC-6GHz, VSWR1.25

MMCX1E59-0047A / 11



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-52

Electrical Data

Impedance

50 Ω

Frequency

DC to 6 GHz

VSWR (Return Loss)

≤ 1.22 (≥ 20 dB)

Insulation Resistance

≥ 5 GΩ

Centre contact resistance

≤ 5.0 mΩ

Outer contact resistance

≤ 2.5 mΩ

Working Voltage (at sea level)

170 V rms

RF Leakage

≥ 70 dB up to 1 GHz

-VSWR in application depends decisive on cable assembly process-

Material And Plating

Piece Parts	Material	Plating
Centre Contact	Brass	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Gold plating (Non-magnetic nickel-phosphorus underplating)
Insulator	PTFE	
Gasket	Silicone Rubber	

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Mechanical Data

Coupling mechanisms	Snap-on
Centre conduct	Soldered
Cable entry	Soldered
Mating Cycles	≥ 500
Center Contact Captivation	≥ 10 N
Engagement force	≤ 15 N
Disengagement force	6 to 15 N

Environmental Data

Temperature Range	-55°C to +155°C
Thermal shock	MIL-STD-202, Method 107, Condition F
Corrosion	saltspray test acc. to MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition C
Shock	MIL-STD-202, Method 213, Condition B
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Suitable Cables

RSF 047, RSR 047, RSF 047 FEP, RSF 047 PVC

Packing

Single or 100