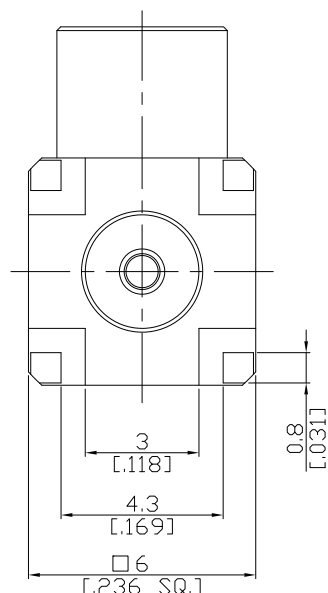
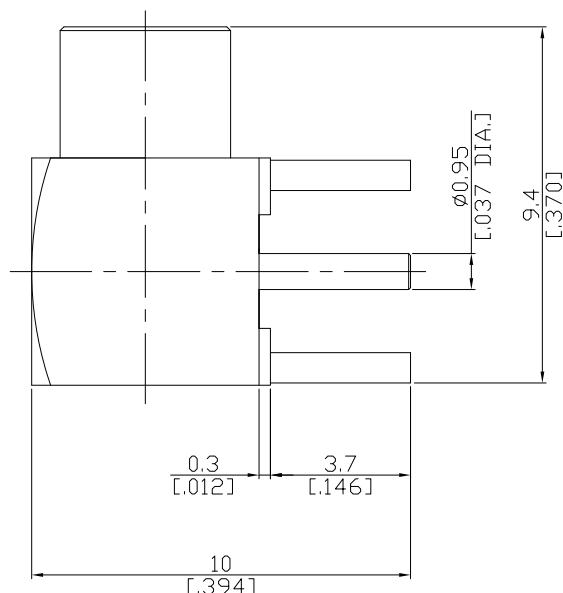


MCX Jack (female) Connector Solder Pin PCB  
Through Holes Right Angle DC-6GHz, VSWR ≤1.20

**MCX2I59-0940A / 91**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to

IEC 61169-36

**Electrical Data**

Impedance	50 Ω
Frequency	DC to 6 GHz
VSWR (Return Loss)	≤ 1.20 (≥ 20.83 dB)
Insertion Loss	≤ 0.05 x √F (GHz) dB
Insulation Resistance	≥ 1 GΩ
Center Contact Resistance	≤ 5.0 mΩ
Outer Contact Resistance	≤ 2.5 mΩ
Test Voltage (at sea level)	750 V rms
Working Voltage (at sea level)	335 V rms

**Material And Plating**

Connector parts	Material	Plating
Centre contact	Beryllium Copper	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	

MCX Jack (female) Connector Solder Pin PCB  
Through Holes Right Angle DC-6GHz, VSWR ≤1.20

# MCX2I59-0940A / 91

## Mechanical Data

Coupling mechanisms	Snap-lock
Mating Cycles	≥ 500
Engagement Force	≤ 25 N
Disengagement Force	8 N min. to 20 N max.
Center Contact Captivation	≥ 10 N

## Environmental Data

Temperature Range	-55°C to +155°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