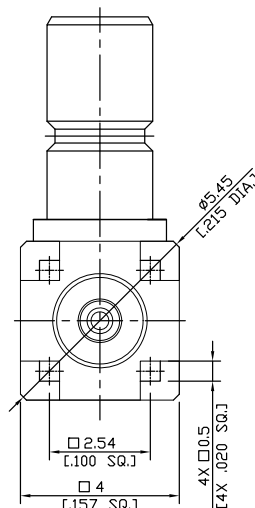
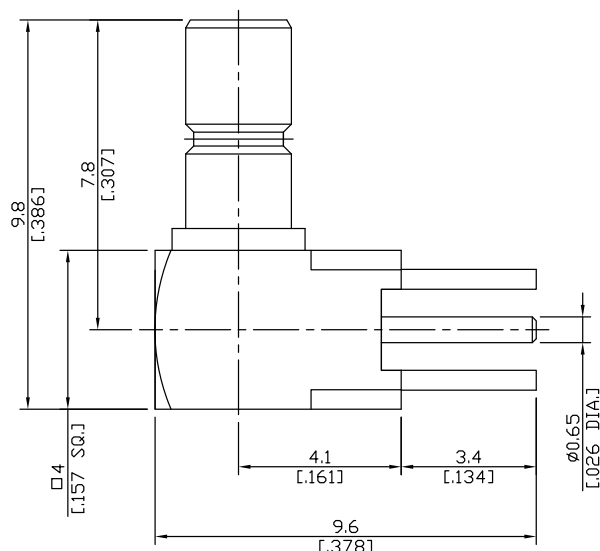
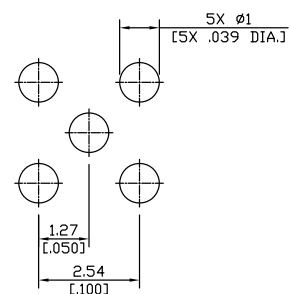


**SSMB Jack(female) Connector Solder Attachment Through Holes Right Angle PCB
DC-3GHz VSWR1.33**

SSMB2I59-0980A / 11



PCB Layout



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

MIL-STD-348B/320; IEC 61169-19

Electrical Data

Impedance

50 Ω

Frequency

DC to 3 GHz

VSWR (Return Loss)

≥ 1.33 (≥ 17 dB)

Insertion Loss

≤ 0.1 x √F (GHz) dB

Insulation Resistance

≥ 1 GΩ

Center Contact Resistance

≤ 5 mΩ

Outer Contact Resistance

≤ 2.5 mΩ

Test Voltage

500 V rms

Working Voltage

175 V rms

RF leakage

≥ 40 dB @ DC to 1 GHz

Material And Plating

Connector parts	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	

**SSMB Jack(female) Connector Solder Attachment Through Holes Right Angle PCB
DC-3GHz VSWR1.33**

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Mechanical Data

Coupling mechanisms	Snap-lock
Mating Cycles	≥ 500
Center Contact Captivation: axial	≥ 8 N
Engagement force	8 N to 27 N
Disengagement force	8 N to 27 N

Environmental Data

Temperature Range	-55°C to +155°C
Climatic category	IEC 60068-2-1 55/155/21
Vibration	IEC 60068-2-6(10 Hz to 500 Hz, 98 m/s ²)
Max. soldering temperature (PCB connectors)	IEC 61760-1, +260 °C for 10 sec.

Packing

Single or 100