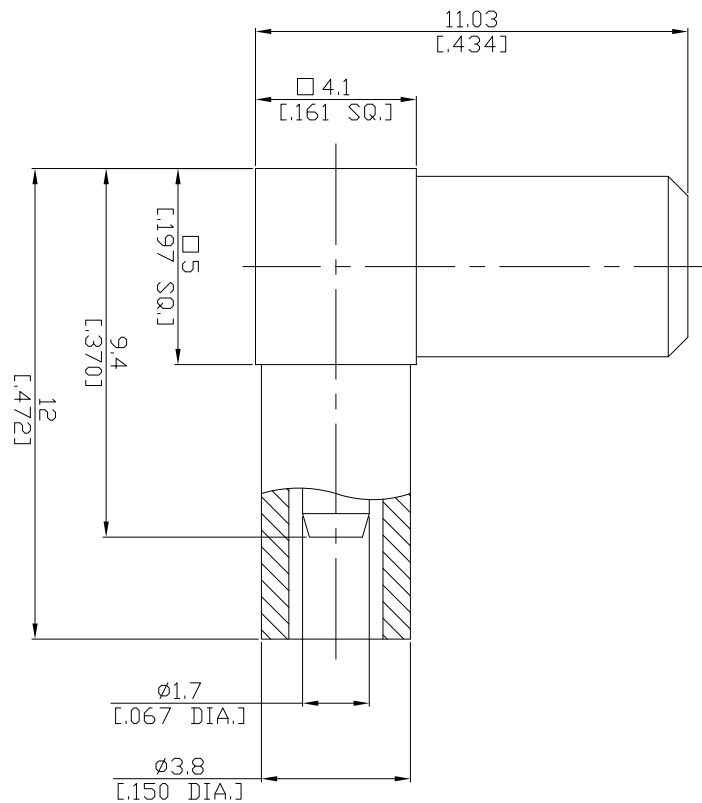


SSMB plug(male) Right Angle Connector for RG178, RG196, DC-3GHz VSWR1.33

SSMB1C59-G178A / 911



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	$\leq 0.1 \times \sqrt{F}$ (GHz) dB
Insulation Resistance	≥ 1 G Ω
Center Contact Resistance	≤ 5 m Ω
Outer Contact Resistance	≤ 2.5 m Ω
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	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	
Coupling nut	Brass	Gold plating(Nickel underplated)
Crimp ferrules	Brass	Gold plating(Nickel underplated)

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Mechanical Data

Coupling mechanisms	Snap-lock
Cable entry	Crimped
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.

Suitable Cables

RG 178, RG 196

Packing

Single or 100