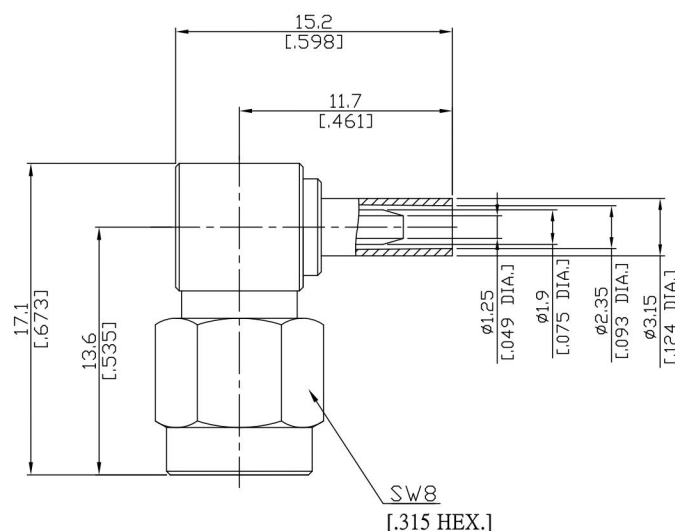



SMA Right Angle Cable Plug
SMA1C59-G178A/91H


All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-15; MIL-C-39012; MIL-STD-348A/310

Electrical Data

Impedance

50 Ω

Frequency

DC to 6 GHz

VSWR (Return Loss)

≤ 1.30 (≥ 18 dB), DC to 6 GHz

Insertion Loss

≤ 0.1 x √F (GHz) dB

- Digressions are possible due to the used cable type or manufacturing process -

Mechanical Data

Coupling mechanisms

Screw-lock

Centre contact

Soldered

Cable entry

Crimped

Environmental Data

Temperature range

-65°C to +165°C

RoHS

compliant

Material And Plating

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Phosphor Bronze	Gold plating(Nickel underplated)
Crimp ferrules	Brass	Gold plating(Nickel underplated)

Suitable Cables

RG 178, RG 196

Packing

Single or 100