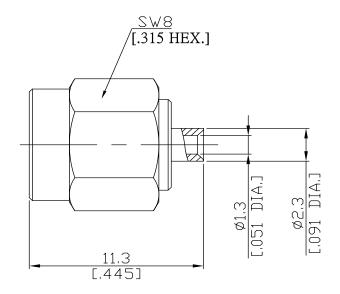


Technical Data Sheet

SMA Straight Cable Plug

SMA1E50-0047A/111



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

Insertion Loss

Frequency VSWR (Return Loss)

50 Ω

DC to 26.5 GHz \leq 1.20 (\geq 20.83 dB) \leq 0.04 x \sqrt{F} (GHz) dB

- Limitations are possible due to the used cable type and manufacturing method -

Mechanical Data

Coupling mechanisms

Centre contact
Cable entry

Screw-lock

Soldered or Crimped

Soldered

Environmental Data

Temperature range RoHS -65°C to +165°C compliant

Material And Plating

Connector parts	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Gold plating(Nickel underplated)

Suitable Cables

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

Packing

Single or 100

	The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.	
	In the effort to improve our products, we reserve the right to make changes	Dat
i	judged to be necessary.	19/

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