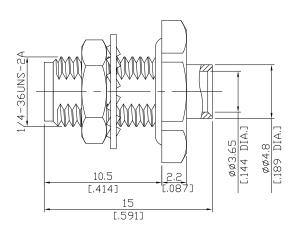


# Technical Data Sheet

# SMA Straight Bulkhead Cable Jack

# SMA2EA50-0141A/91



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 18 GHz  $\leq 1.25 \ (\geq 19.1 \ dB)$  $\leq 0.04 \ x \sqrt{F(GHz)} \ dB$ 

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

# 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	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	
Fastening nut	Brass	Gold plating(Nickel underplated)
Washer	Brass	Gold plating(Nickel underplated)

#### Suitable Cables

RSR-141, RSF-141, RSF-141-FEP, RSF-141-PVC, RG-402, BELDEN 1673A, BELDEN 1673J

# Packing

Single or 100

#### Related Document

Mounting Dimension

MD19

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
judged to be necessary.

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