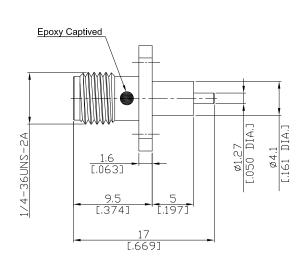
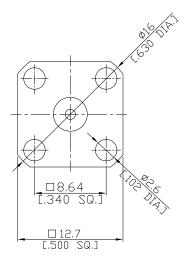


Technical Data Sheet

SMA Straight Panel Receptacle Jack (Coaxial End)

SMA2GFA50-1700A-EC/91





All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

Interferee

Electrical Data

 $\begin{array}{ll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to} \ 18 \ \mbox{GHz} \\ \mbox{VSWR} \ \mbox{(Return Loss)} & \leq 1.25 \ \mbox{\geq 19.08 \ dB)} \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{x} \ \mbox{\sqrt{F}} \ \mbox{(GHz)} \ \mbox{dB} \\ \mbox{$>$ 0.05 \ \mbox{x} \ \mbox{\sqrt{F}} \ \mbox{(GHz)} \ \mbox{dB} \\ \mbox{$>$ 0.05 \ \mbox{x} \ \mbox{\sqrt{F}} \ \mbox{(GHz)} \ \mbox{dB} \\ \mbox{$>$ 0.05 \ \mbox{x} \ \mbox{\sqrt{F}} \ \mbox{(GHz)} \ \mbox{dB} \\ \mbox{$>$ 0.05 \ \mbox{x} \ \mbox{\sqrt{F}} \ \mbox{(GHz)} \ \mbox{dB} \\ \mbox{$>$ 0.05 \ \mbox{x} \ \mbox{\sqrt{F}} \ \mbox{(GHz)} \ \mbox{dB} \\ \mbox{$>$ 0.05 \ \mbox{x} \ \mbox{\sqrt{F}} \ \mbox{(GHz)} \ \mbox{dB} \\ \mbox{$>$ 0.05 \ \mbox{x} \ \mbox{\sqrt{F}} \ \mbox{(GHz)} \ \mbox{dB} \\ \mbox{$>$ 0.05 \ \mbox{x} \mbox{\sqrt{F}} \ \mbox{(GHz)} \ \mbox{dB} \\ \mbox{$>$ 0.05 \ \mbox{x} \mbox{\sqrt{F}} \mbox{(GHz)} \mbox{AB} \\ \mbox{$>$ 0.05 \ \mbox{x} \mbox{\sqrt{F}} \mbox{(GHz)} \\ \mbox{$>$ 0.05 \ \mbox{x} \mbox{\sqrt{F}} \mbox{(GHz)} \mbox{AB} \\ \mbox{$>$ 0.05 \ \mbox{x} \mbox{\sqrt{F}} \mbox{(GHz)} \mbox{AB} \\ \mbox{$>$ 0.05 \ \mbox{x} \mbox{\sqrt{F}} \mbox{(GHz)} \mbox{\sqrt{F}} \$

Mechanical Data

Coupling mechanisms

Screw-lock

Weight

N/A

Environmental Data

Temperature range $-65\,^{\circ}\text{C}$ to $+165\,^{\circ}\text{C}$ RoHS compliant

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	

MIL-C-39012; MIL-STD-348A/310

Packing

Single or 100

Related Document

Mounting Dimension MD71

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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