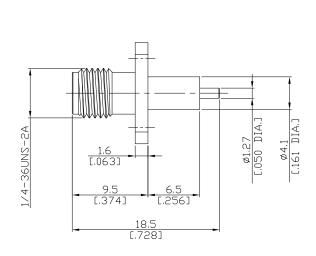
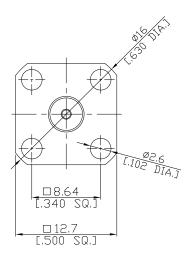


Technical Data Sheet

SMA Straight Panel Receptacle Jack (Coaxial End)

SMA2GFA50-1850A/9X





All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

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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{AB} \\ \mbox{$>$ 0.05 \ \mbox{x} \mbox{\sqrt{F}} \mbox{(GHz)} \mbox{(GHz)} \mbox{(GHz)} \\ \mbox{$>$ 0.05 \ \mbox{x} \mbox{\sqrt{F}} \mbox{(GHz)} \m$

Mechanical Data

Coupling mechanisms
Screw-lock
Weight
N/A

Environmental Data

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

Material And Plating

Piece Parts	Material	Material
Centre contact	Beryllium Copper	Beryllium Copper
Body	Stainless Steel	Stainless Steel
Insulator	PTFF	PTFF

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.		

	Rosnol RF/Microwave Technology www.rosnol.com ; info@rosnol.com
Date: 19/11/10	Phone:+886-3-463-5095
19/11/10	Fav+886-3-463-5052