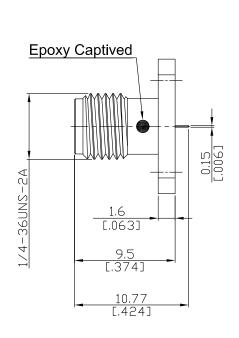
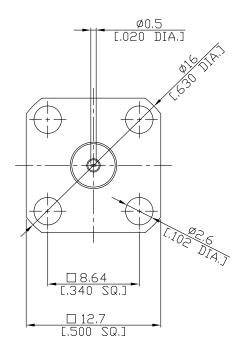


Technical Data Sheet

SMA Straight Panel Receptacle Jack (Flat End)

SMA2GFD50-1077A-EC/91





All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

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

Electrical Data

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

Mechanical Data

Coupling mechanisms Screw-lock
Weight 0.0032 kg

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	PTFF	

Packing

Single or 100

Related Document

Mounting Dimension MD71

The facts and figures herein are carefully compiled to the best of c	our
knowledge, but they are intended for general informational purposes on	ly
In the effort to improve our products, we reserve the right to make change	ges
judged to be necessary.	

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