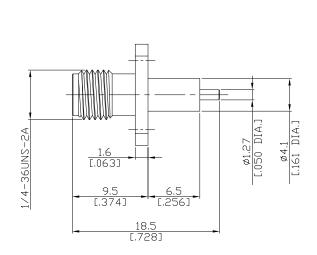
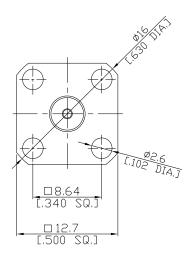


Technical Data Sheet

SMA Straight Panel Receptacle Jack (Coaxial End)

SMA2GFA50-1850A/91





All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

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

Electrical Data

According to

Impedance
Frequency
VSVA/B / Beturn Lease

50 Ω DC to 18 GHz ≤ 1.25 (≥ 19.08

VSWR (Return Loss)
Insertion Loss

 $\leq 1.25 \ (\geq 19.08 \ dB)$ $\leq 0.05 \times \sqrt{F (GHz)} \ dB$

Mechanical Data

Coupling mechanisms Weight Screw-lock N/A

Environmental Data

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

Material And Plating

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

Packing

Single or 100

Related Document

Mounting Dimension

MD71

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

| | I/C/ | Rosnol RF/Microwave Technology www.rosnol.com ; info@rosnol.com |
|-------|----------|--|
| Date: | | Phone:+886-3-463-5095 |
| | 19/11/10 | Fax:+886-3-463-5952 |