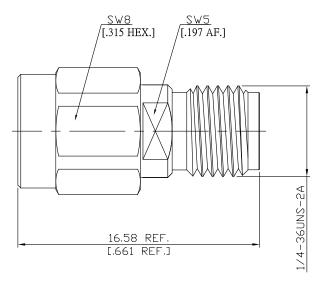


# Technical Data Sheet

# Adaptor plug/jack SMA plug (male) / SMA jack (female)

# AD-A1A25A/9QQ-9Q



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
Frequency
VSWR (Return Loss)
Insertion Loss

 $50 \Omega$  DC to 18 GHz ≤ 1.20 (≥ 20.83 dB) ≤ 0.05 x√F (GHz) dB

#### Mechanical Data

Coupling mechanisms Weight Screw-lock 0.0045 kg

### Environmental Data

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

## Material And Plating

| Piece Parts (SMA) | Material         | Plating                          |
|-------------------|------------------|----------------------------------|
| Centre contact    | Beryllium Copper | Gold plating(Nickel underplated) |
| Body              | Stainless Steel  | Gold plating(Nickel underplated) |
| Insulator         | PTFE             |                                  |
| Gasket            | Silicone Rubber  |                                  |
| Coupling nut      | Stainless Steel  | Gold plating(Nickel underplated) |
| Piece Parts (SMA) | Material         | Plating                          |
| Centre contact    | Beryllium Copper | Gold plating(Nickel underplated) |
| Body              | Stainless Steel  | Gold plating(Nickel underplated) |
| /                 |                  |                                  |

#### Packing

Single or 100

| 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<br>www.rosnol.com; info@rosnol.com |
|--------|---|
| ate:   | Phone: +886-3-463-5095  |
| /11/10 | Fax: +886-3-463-5952  |