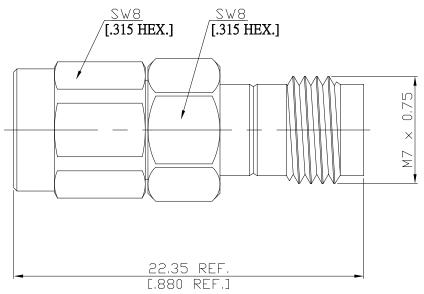


Technical Data Sheet

Adaptor plug/jack SMA plug (male) / RPC2.4 jack (female)

AD-A1Q25B/9XX-9X



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

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

IEEE STD 287

Electrical Data

Impedance 50Ω

Frequency DC to 26.5 GHz VSWR (Return Loss) $\leq 1.12 (\geq 24.94 \text{ dB})$ Insertion Loss $\leq 0.05 \times \sqrt{F \text{ (GHz)}} \text{ dB}$

Mechanical Data

Coupling mechanisms Screw-lock Weight N/A

Environmental Data

Temperature range -60°C to +100°C RoHS compliant

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Coupling nut	Stainless Steel	Passivated
Piece Parts (RPC2.4)	Material	Plating
Piece Parts (RPC2.4) Centre contact	Material Beryllium Copper	Plating Gold plating(Nickel underplated)
·		S .
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)

Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our	Rev.:-	Rosnol RF/Microwave Technology	Page
knowledge, but they are intended for general informational purposes only.		www.rosnol.com; info@rosnol.com	O
In the effort to improve our products, we reserve the right to make changes	Date:	Phone: +886-3-463-9059	1 /1
judged to be necessary.	2015/07/30	Fax: +886-3-463-5952	1/ 1