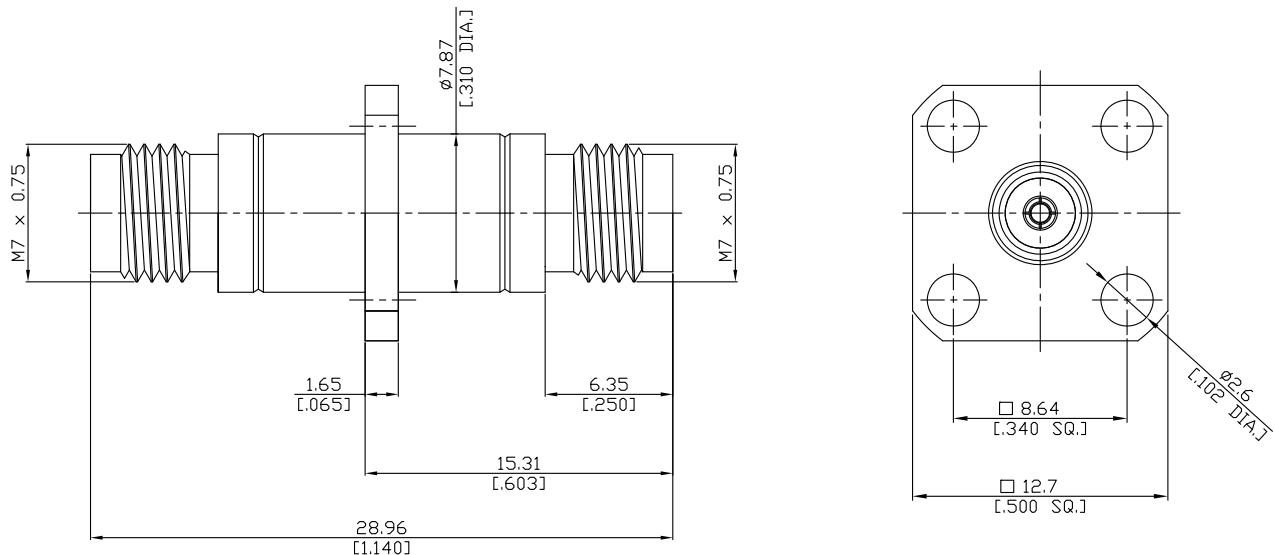


2.4mm jack (female) / 2.4mm jack (female)
 Panel 4 Hole Flange Mount Adapte DC-50 GHz, VSWR \leq 1.15

AD-Q2Q25A-PF / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

according to

IEC 61169-40

Electrical Data

Impedance

50 Ω

Frequency

DC to 50 GHz

VSWR (Return Loss)

$\leq 1.15 (> 23.13 \text{ dB})$

Insertion Loss

$\leq 0.05 \times \sqrt{F} \text{ (GHz) dB}$

Insulation resistance

$\leq 5 \text{ m}\Omega$

Test voltage (at sea level)

500 V rms

Working voltage (at sea level)

150 V rms

RF-leakage

$\geq 100 \text{ dB up to 1 GHz}$

Material And Plating

Piece Parts (2.4mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PEI	
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Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation	≥ 20 N
Coupling test torque	1.65 Nmm
Recommended torque	0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range	-65 °C to +155 °C
Thermal shock	IEC 61169-1, Subclause 9.4.4
Corrosion	IEC 61169-1, Subclause 9.4.6
Vibration	IEC 61169-1, Subclause 9.3.3
Shock	IEC 61169-1, Subclause 9.3.14
Moisture resistance	IEC 61169-1, Subclause 9.4.3
RoHS	compliant

Packing

Single or 100