

# QA12

## 1.0mm to 2.4mm

Features:  
\* Low VSWR

Applications:  
\* Wireless  
\* Transmitter  
\* Laboratory Test  
\* Radar

### Electrical

Frequency:	DC~50GHz
VSWR:	1.25 max.
Insertion Loss:	0.08dB max.
Dielectric Withstanding Voltage:	200V RMS
Impedance of Dielectric:	5000MΩ min.
Impedance of Contact (Center):	4mΩ max.
Impedance of Contact (Outer):	2.5mΩ max.
Impedance:	50Ω

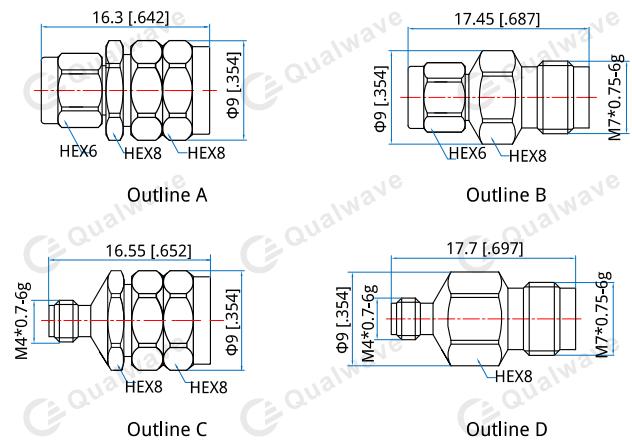
### Mechanical

RF Connectors:	1.0mm 2.4mm
Mating Life Cycle:	500 cycles
Outer Conductor:	Passivated stainless steel
Dielectric:	PEI
Inner Conductor:	Gold plated beryllium copper

### Environmental

Temperature:	-55~+85°C
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### Outline Drawings



Unit: mm [in]  
Tolerance:  $\pm 0.2\text{mm}$  [ $\pm 0.008\text{in}$ ]

### How To Order

- QA12-MM** - 1.0mm(m) to 2.4mm(m), Outline A
- QA12-MF** - 1.0mm(m) to 2.4mm(f), Outline B
- QA12-FM** - 1.0mm(f) to 2.4mm(m), Outline C
- QA12-FF** - 1.0mm(f) to 2.4mm(f), Outline D

Customization is available upon request.