

# FA1K

## 1.0mm to 2.92mm

Features:  
\* Low VSWR

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

### Electrical

Frequency:	DC~40GHz
VSWR:	1.15 max.
Insertion Loss:	0.51dB max.
Impedance of Dielectric:	5000MΩ min.
Dielectric Withstanding	200V RMS
Voltage:	
Impedance of Contact (Center):	4mΩ max.
Impedance of Contact (Outer):	2.5mΩ max.
Impedance:	50Ω

### Mechanical

RF Connectors:	1.0mm
	2.92mm
Mating Life Cycle:	500 cycles
Outer Conductor:	Passivated stainless steel
Dielectric:	PEI
Inner Conductor:	Gold plated beryllium copper

### How To Order

**FA1K-MM** - 1.0mm (m) to 2.92mm (m), Outline A

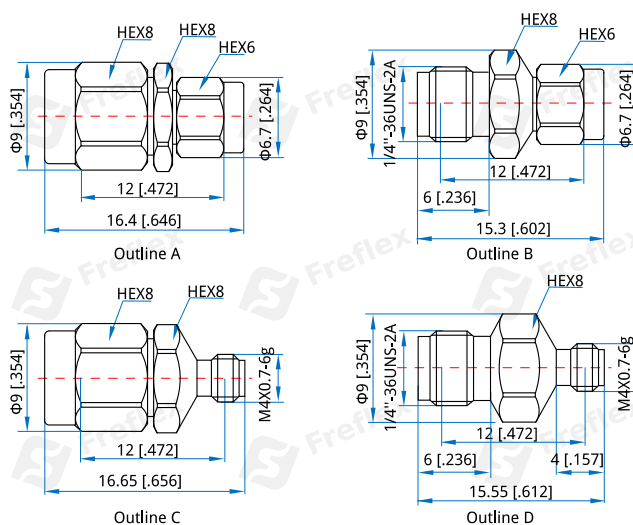
**FA1K-MF** - 1.0mm (m) to 2.92mm (f), Outline B

**FA1K-FM** - 1.0mm (f) to 2.92mm (m), Outline C

**FA1K-FF** - 1.0mm (f) to 2.92mm (f), Outline D

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

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