

# QCS-FYG-S-01

SMA Connector, DC~26.5GHz

Features:  
\* Low VSWR

Applications:  
\* Wireless  
\* Radar  
\* Instruments  
\* Electronics

## Electrical

Frequency:	DC~26.5GHz
VSWR:	1.15 max.
Impedance of Dielectric:	5000MΩ min.
Impedance of Inner Conductor:	3mΩ max.
Impedance of Outer Conductor:	2mΩ max.
Voltage Withstand:	1000V DC
Impedance:	50Ω

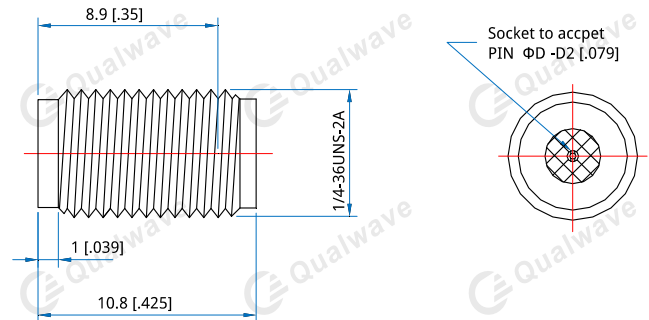
## Mechanical

RF Connector:	SMA Female
Mating Life Cycle:	500 cycles
Outer Conductor:	Passivated SUS303 Stainless Steel
Dielectric:	PEI & PTFE
Inner Conductor:	Gold Plated Beryllium Copper
Accept PIN:	ΦDmm, depth 2mm max.

## Environmental

Temperature:	-55~+165°C
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## Outline Drawings



Size	D				
mm	0.23	0.30	0.38	0.46	0.51
in	0.009	0.012	0.015	0.018	0.02

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

## How To Order

**QCS-FYG-S23-01** - ΦD: Φ0.23mm

**QCS-FYG-S30-01** - ΦD: Φ0.3mm

**QCS-FYG-S38-01** - ΦD: Φ0.38mm

**QCS-FYG-S46-01** - ΦD: Φ0.46mm

**QCS-FYG-S51-01** - ΦD: Φ0.51mm

Customization is available upon request.