

# QCA-FL2G-S-03

## SSMA Connector, DC~40GHz

Features:  
\* Low VSWR

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

### Electrical

Frequency:	DC~40GHz
VSWR:	1.2 max.
Impedance of Dielectric:	1000MΩ min.
Impedance of Inner Conductor:	5mΩ max.
Impedance of Outer Conductor:	2.5mΩ max.
Voltage Withstand:	750V DC
Impedance:	50Ω

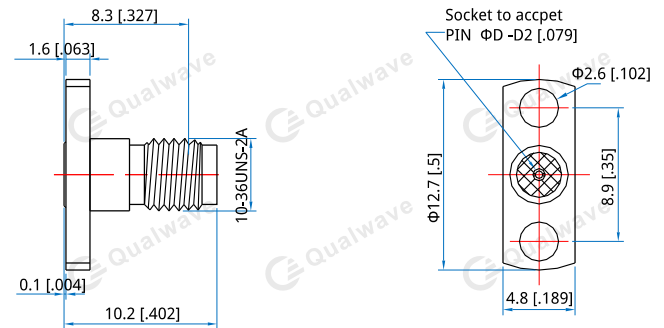
### Mechanical

RF Connector:	SSMA 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

**QCA-FL2G-S23-03** - ΦD: Φ0.23mm

**QCA-FL2G-S30-03** - ΦD: Φ0.3mm

**QCA-FL2G-S38-03** - ΦD: Φ0.38mm

**QCA-FL2G-S46-03** - ΦD: Φ0.46mm

**QCA-FL2G-S51-03** - ΦD: Φ0.51mm

Customization is available upon request.