

## QCGF-MO-B30-01

### SSMP Connector, DC~45GHz

Features:  
\* Low VSWR

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

#### Electrical

Frequency:	DC~45GHz
Impedance of Dielectric:	1000M $\Omega$ (500V DC) min.
Voltage Withstand*1:	325V
Impedance:	50 $\Omega$

[1] 50Hz, AC RMS, at sea level.

#### Mechanical

RF Connector*2:	SSMP male
Mating Life Cycle:	100 cycles
Detent Mode:	Full detent
Outer Conductor:	Gold-plated and nickel-plated kovar alloy (4J29)
Dielectric:	Glass
Inner Conductor:	Gold-plated and nickel-plated kovar alloy (4J29)

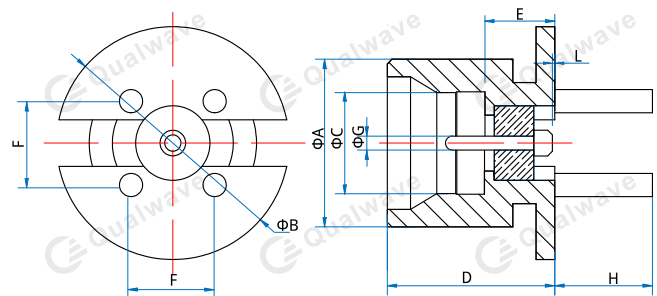
[2] Mateable with GPPO, SMPM & Mini-SMP.

#### Environmental

Temperature:	-65~+165°C
Seal:	1.013*10 <sup>-3</sup> Pa.cm <sup>3</sup> /s (He) max.
Salt Fog*3:	48h min.

[3] According to customer requirements, it can reach 96 hours.

#### Outline Drawings



Unit: mm [in]

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

A	B	C	D	E	F	G	H	L
3.6	5	2.13	3.6	1.5	1.8	0.3	2.1	0.05
[.142]	[.197]	[.084]	[.142]	[.059]	[.071]	[.012]	[.083]	[.002]

#### How To Order

**QCGF-MO-B30-01**

Customization is available upon request.