

## **QCGS-MO-B30**

### SSMP Connector, DC~45GHz

**Features:**

\* Low VSWR

**Applications:**

- \* Wireless
- \* Radar
- \* Instruments
- \* Electronics

**Electrical**

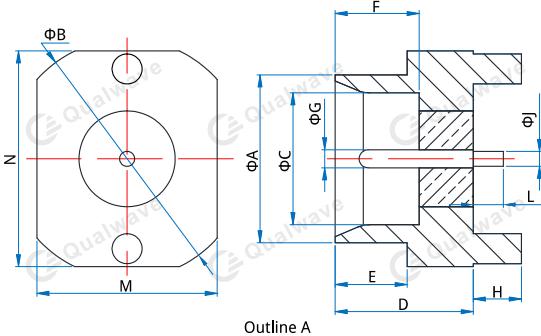
Frequency:	DC~45GHz
Impedance of Dielectric:	1000MΩ (500V DC) min.
Voltage Withstand <sup>*1</sup> :	325V
Impedance:	50Ω

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

**Environmental**

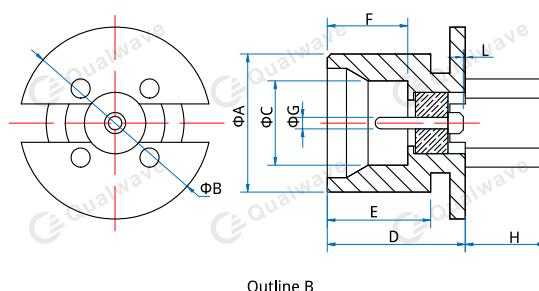
Temperature:	-65~+165°C
Seal:	$1.013 \times 10^{-3}$ Pa.cm <sup>3</sup> /s (He) max.
Salt Fog <sup>*2</sup> :	48h min.

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

**Outline Drawings**

**Mechanical**

RF Connector <sup>*3</sup> :	SSMP male
Mating Life Cycle:	500 cycles
Detent Mode:	Smooth bore
Outer Conductor:	Gold-plated and nickel-plated kovar alloy (4J29)
Dielectric:	Glass
Inner Conductor:	Gold-plated and nickel-plated kovar alloy (4J29)

[3] Mateable with GPPO, SMPM &amp; Mini-SMP.



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Part Number	A	B	C	D	E	F	G	J	H	L	M	N	Outline Drawings
QCGS-MO-B30-01	2.8 [.11]	4 [.157]	2.2 [.087]	2.3 [.091]	1.2 [.047]	1.4 [.055]	0.3 [.012]	0.25 [.01]	0.8 [.031]	0.5 [0.02]	3 [.118]	3.6 [.142]	Outline A
QCGS-MO-B30-02	3.6 [.142]	5 [.197]	2.2 [.087]	3.6 [.142]	2.7 [.106]	2.1 [.083]	0.3 [.012]	-	2.1 [.083]	0.05 [.002]	-	-	Outline B

Customization is available upon request.