

# QCPL-MB-M38

## SMP Connector, DC~40GHz

Features:  
\* Low VSWR

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

### Electrical

Frequency:	DC~40GHz
VSWR:	1.3 max.
Impedance of Dielectric:	5000MΩ min.
Impedance of Inner Conductor:	6mΩ max.
Impedance of Outer Conductor:	2mΩ max.
Voltage Withstand:	335V DC
Impedance:	50Ω

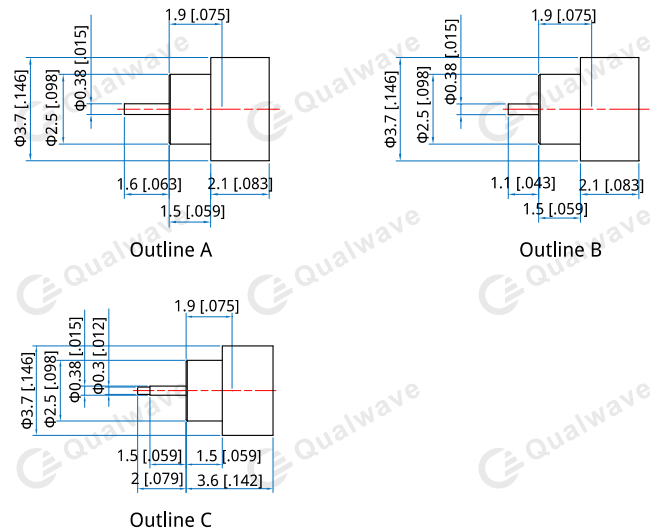
### Mechanical

RF Connector:	SMP male
Detent mode:	Limited Detent
Outer Conductor:	Gold plated kovar material
Dielectric:	Glass
Inner Conductor:	Gold plated kovar material or gold plated beryllium copper

### Environmental

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



Unit: mm [in]  
Tolerance: ±0.2mm [±0.008in]

### How To Order

- [QCPL-MB-M38-01](#) - Outline A
- [QCPL-MB-M38-02](#) - Outline B
- [QCPL-MB-M38-03](#) - Outline C

Customization is available upon request.