

## QCS-ML4G-P

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         |

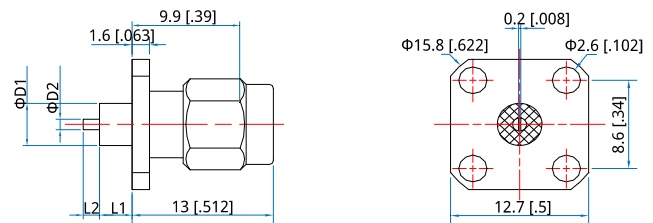
### Mechanical

|                    |                                   |
|--------------------|-----------------------------------|
| RF Connector:      | SMA Male                          |
| Mating Life Cycle: | 500 cycles                        |
| Outer Conductor:   | Passivated SUS303 Stainless Steel |
| Dielectric:        | PEI & PTFE                        |
| Inner Conductor:   | Gold Plated Beryllium Copper      |

### Environmental

|              |            |
|--------------|------------|
| Temperature: | -55~+165°C |
|--------------|------------|

### Outline Drawings



| Part Number      | ΦD1        | ΦD2     | L1       | L2         |
|------------------|------------|---------|----------|------------|
| QCS-ML4G-P100-01 | 4.1 [.161] | 1 [.04] | 4 [.158] | 1.5 [.059] |

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