

## QCT-ML4G-T

TNC Connector, DC~18GHz

Features:  
\* Low VSWR

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

### Electrical

|                               |                     |
|-------------------------------|---------------------|
| Frequency:                    | DC~18GHz            |
| VSWR:                         | 1.15 max.           |
| Impedance of Dielectric:      | 5000M $\Omega$ min. |
| Impedance of Inner Conductor: | 1.5m $\Omega$ max.  |
| Impedance of Outer Conductor: | 0.2m $\Omega$ max.  |
| Voltage Withstand:            | 1500V DC            |
| Impedance:                    | 50 $\Omega$         |

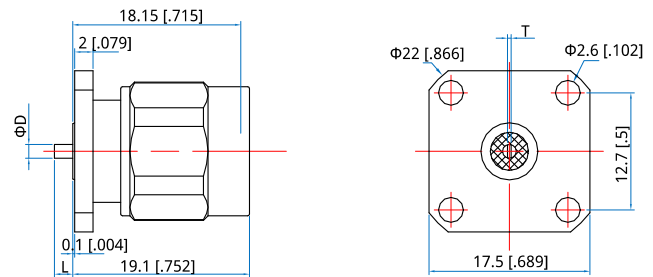
### Mechanical

|                    |                                   |
|--------------------|-----------------------------------|
| RF Connector:      | TNC 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      | $\Phi D$    | L         | T           |
|------------------|-------------|-----------|-------------|
| QCT-FL4G-T150-01 | 1.5 [0.059] | 2 [0.079] | 0.2 [0.008] |

Unit: mm [in]

Tolerance:  $\pm 0.2$ mm [ $\pm 0.008$ in]