

# QCN-FL4G-T

## N 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:	1m $\Omega$ max.
Impedance of Outer Conductor:	0.2m $\Omega$ max.
Voltage Withstand:	1500V DC
Impedance:	50 $\Omega$

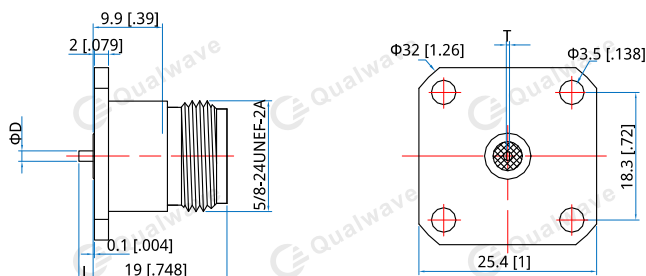
### Mechanical

RF Connector:	N Female
Mating Life Cycle:	500 cycles
Outer Conductor:	Passivated SUS303 Stainless Steel
Dielectric:	PEI & PTFE
Inner Conductor:	Gold Plated Beryllium Copper

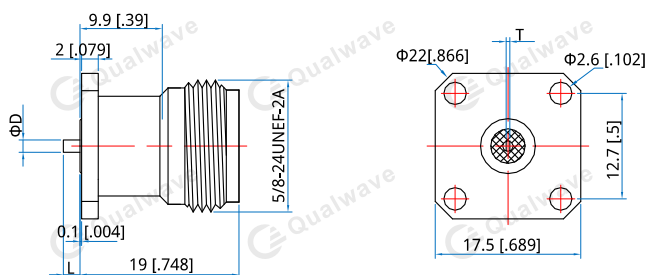
### Environmental

Temperature:	-55~+165 $^{\circ}$ C
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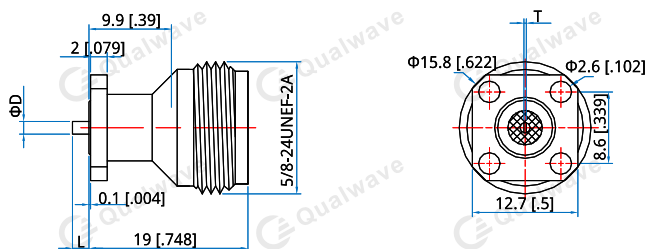
### Outline Drawings



Part Number	$\Phi$ D	L	T
QCN-FL4G-T150-01	1.5 [0.059]	2 [0.079]	0.2 [0.008]



Part Number	$\Phi$ D	L	T
QCN-FL4G-T150-02	1.5 [0.059]	2 [0.079]	0.2 [0.008]



Part Number	$\Phi$ D	L	T
QCN-FL4G-T150-03	1.5 [0.059]	2 [0.079]	0.2 [0.008]

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