

# FCT-FL4G-T

## TNC Connector, DC~18GHz

Features:  
\* Low VSWR

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

### Electrical

Frequency:	DC~18GHz
VSWR:	1.15 max.
Impedance of Dielectric:	5000MΩ min.
Impedance of Inner Conductor:	1.5mΩ max.
Impedance of Outer Conductor:	0.2mΩ max.
Voltage Withstand:	1500V DC
Impedance:	50Ω

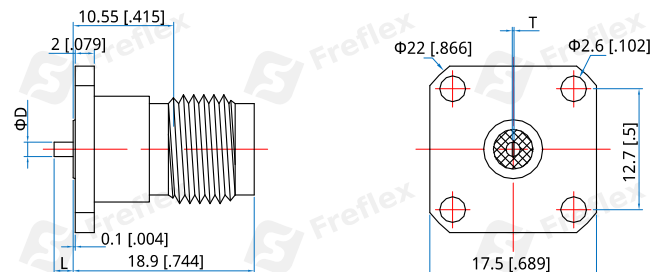
### Mechanical

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

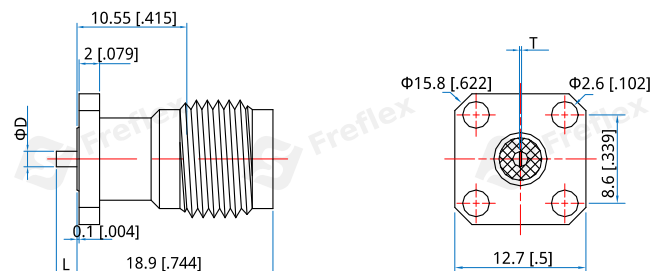
### Environmental

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



Part Number	ΦD	L	T
FCT-FL4G-T150-01	1.5 [0.059]	2 [0.079]	0.2 [0.008]



Part Number	ΦD	L	T
FCT-FL4G-T150-02	1.5 [0.059]	2 [0.079]	0.2 [0.008]

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