

QCN-FL4G-M

N 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:	1mΩ max.
Impedance of Outer Conductor:	0.2mΩ max.
Voltage Withstand:	1500V DC
Impedance:	50Ω

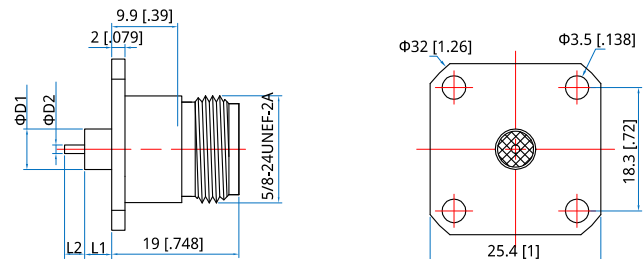
Mechanical

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

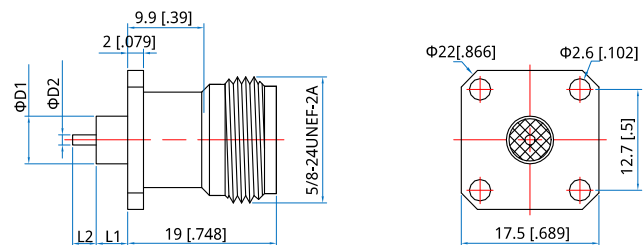
Environmental

Temperature:	-55~+165°C
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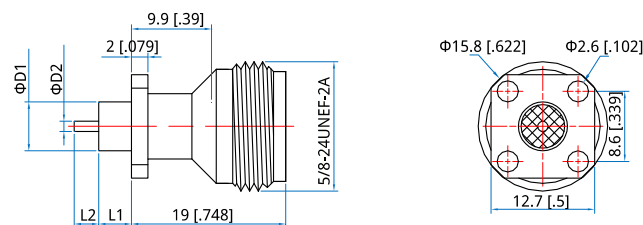
Outline Drawings



Part Number	ΦD1	ΦD2	L1	L2
QCN-FL4G-M127-01	6 [.236]	1.27 [.05]	4 [.158]	2 [.079]



Part Number	ΦD1	ΦD2	L1	L2
QCN-FL4G-M127-02	6 [.236]	1.27 [.05]	4 [.158]	2 [.079]



Part Number	ΦD1	ΦD2	L1	L2
QCN-FL4G-M127-03	6 [.236]	1.27 [.05]	4 [.158]	2 [.079]

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]