

NC2-FL2G-P

2.4mm Connector, DC~50GHz

Features:
* Low VSWR

Applications:
* Wireless
* Radar
* Instruments
* Electronics

Electrical

Frequency:	DC~50GHz
VSWR:	1.15 max.
Impedance of Dielectric:	3000MΩ min.
Impedance of Inner Conductor:	3mΩ max.
Impedance of Outer Conductor:	2mΩ max.
Voltage Withstand:	750V DC
Impedance:	50Ω

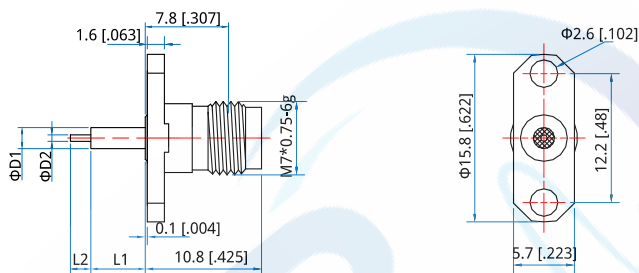
Mechanical

RF Connector:	2.4mm Female
Mating Life Cycle:	500 cycles
Outer Conductor:	Passivated SUS303 Stainless Steel
Dielectric:	PEI & PTFE or PEI
Inner Conductor:	Gold Plated Beryllium Copper

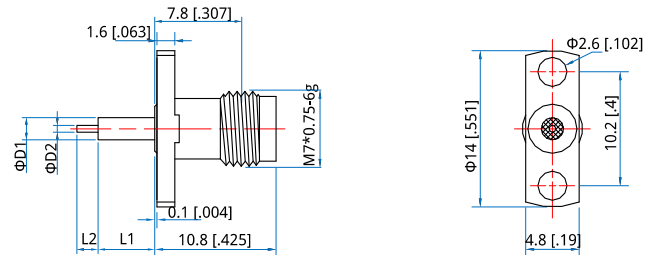
Environmental

Temperature:	-55~+165°C
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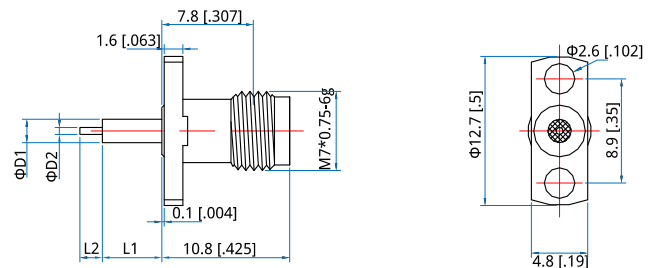
Outline Drawings



Part Number	$\Phi D1$	$\Phi D2$	L1	L2
NC2-FL2G-P30-01	1.67 [.066]	0.3 [.012]	1.4 [.055]	1.5 [.059]
NC2-FL2G-P30-02	1.67 [.066]	0.3 [.012]	3 [.118]	1.5 [.059]
NC2-FL2G-P60-03	2 [.079]	0.6 [.024]	6.35 [.25]	1.27 [.05]
NC2-FL2G-P60-04	2 [.079]	0.6 [.024]	5.1 [.201]	1.9 [.075]



Part Number	$\Phi D1$	$\Phi D2$	L1	L2
NC2-FL2G-P30-05	1.67 [.066]	0.3 [.012]	1.4 [.055]	1.5 [.059]
NC2-FL2G-P30-06	1.67 [.066]	0.3 [.012]	3 [.118]	1.5 [.059]
NC2-FL2G-P60-07	2 [.079]	0.6 [.024]	6.35 [.25]	1.27 [.05]
NC2-FL2G-P60-08	2 [.079]	0.6 [.024]	5.1 [.201]	1.9 [.075]



Part Number	$\Phi D1$	$\Phi D2$	L1	L2
NC2-FL2G-P30-09	1.67 [.066]	0.3 [.012]	1.4 [.055]	1.5 [.059]
NC2-FL2G-P30-10	1.67 [.066]	0.3 [.012]	3 [.118]	1.5 [.059]
NC2-FL2G-P60-11	2 [.079]	0.6 [.024]	6.35 [.25]	1.27 [.05]
NC2-FL2G-P60-12	2 [.079]	0.6 [.024]	5.1 [.201]	1.9 [.075]

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