

# NCK-FL4G-M

## 2.92mm Connector, DC~40GHz

Features:  
\* Low VSWR

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

### Electrical

Frequency:	DC~40GHz
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

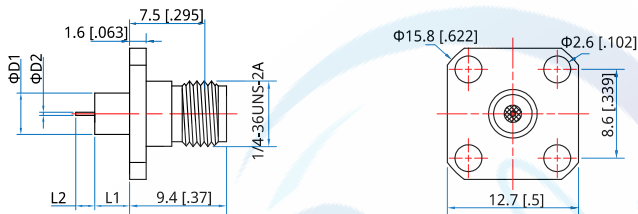
### Mechanical

RF Connector:	2.92mm Female
Mating Life Cycle:	500 cycles
Outer Conductor:	Passivated SUS303 Stainless Steel
Dielectric:	PEI & PTFE or PEI
Inner Conductor:	Gold Plated Beryllium Copper

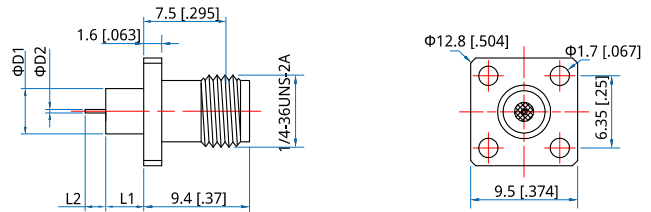
### Environmental

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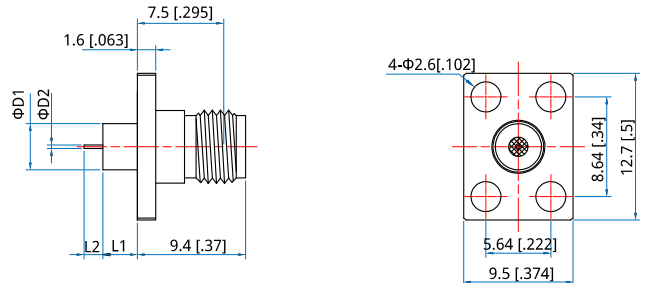
### Outline Drawings



Part Number	ΦD1	ΦD2	L1	L2
NCK-FL4G-M30-01	4 [0.158]	0.3 [0.012]	1.4 [0.055]	1.5 [0.059]
NCK-FL4G-M30-02	4 [0.158]	0.3 [0.012]	3 [0.118]	1.5 [0.059]
NCK-FL4G-M60-03	4 [0.158]	0.6 [0.024]	10.1 [0.398]	1.27 [0.05]
NCK-FL4G-M30-04	4 [0.158]	0.3 [0.012]	3.2 [0.126]	1.5 [0.059]



Part Number	ΦD1	ΦD2	L1	L2
NCK-FL4G-M30-05	4 [0.158]	0.3 [0.012]	1.4 [0.055]	1.5 [0.059]
NCK-FL4G-M30-06	4 [0.158]	0.3 [0.012]	3 [0.118]	1.5 [0.059]
NCK-FL4G-M60-07	4 [0.158]	0.6 [0.024]	10.1 [0.398]	1.27 [0.05]
NCK-FL4G-M30-08	4 [0.158]	0.3 [0.012]	3.2 [0.126]	1.5 [0.059]



Part Number	ΦD1	ΦD2	L1	L2
NCK-FL4G-M30-09	4 [0.158]	0.3 [0.012]	1.4 [0.055]	1.5 [0.059]
NCK-FL4G-M30-10	4 [0.158]	0.3 [0.012]	3 [0.118]	1.5 [0.059]
NCK-FL4G-M60-11	4 [0.158]	0.6 [0.024]	10.1 [0.398]	1.27 [0.05]
NCK-FL4G-M30-12	4 [0.158]	0.3 [0.012]	3.2 [0.126]	1.5 [0.059]

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