

QCK-FL2G-D

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

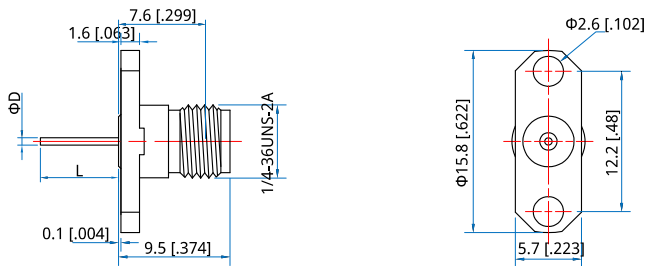
Mechanical

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

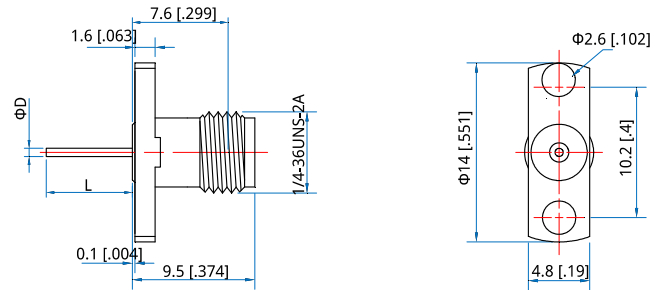
Environmental

Temperature:	-55~+165°C
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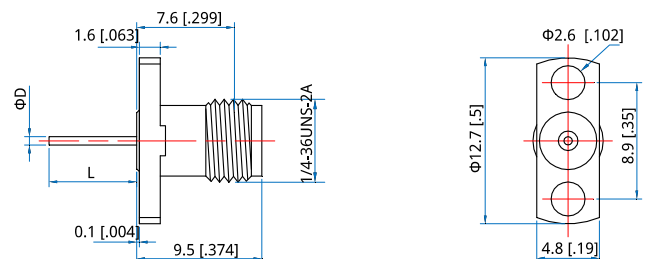
Outline Drawings



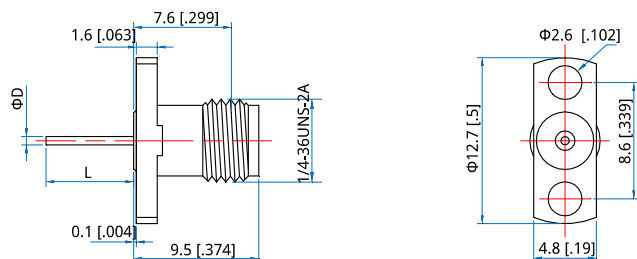
Part Number	ΦD	L
QCK-FL2G-D64-01	0.64 [0.025]	10.92 [4.3]
QCK-FL2G-D64-02	0.64 [0.025]	6.84 [2.69]
QCK-FL2G-D30-03	0.3 [0.012]	7 [2.76]
QCK-FL2G-D30-04	0.3 [0.012]	2 [0.079]
QCK-FL2G-D75-05	0.75 [0.03]	30 [1.181]



Part Number	ΦD	L
QCK-FL2G-D64-06	0.64 [0.025]	10.92 [4.3]
QCK-FL2G-D64-07	0.64 [0.025]	6.84 [2.69]
QCK-FL2G-D30-08	0.3 [0.012]	7 [2.76]
QCK-FL2G-D30-09	0.3 [0.012]	2 [0.079]
QCK-FL2G-D75-10	0.75 [0.03]	30 [1.181]



Part Number	ΦD	L
QCK-FL2G-D64-11	0.64 [0.025]	10.92 [4.3]
QCK-FL2G-D64-12	0.64 [0.025]	6.84 [2.69]
QCK-FL2G-D30-13	0.3 [0.012]	7 [2.76]
QCK-FL2G-D30-14	0.3 [0.012]	2 [0.079]
QCK-FL2G-D75-15	0.75 [0.03]	30 [1.181]



Part Number	ΦD	L
QCK-FL2G-D64-16	0.64 [0.025]	10.92 [0.43]
QCK-FL2G-D64-17	0.64 [0.025]	6.84 [0.269]
QCK-FL2G-D30-18	0.3 [0.012]	7 [0.276]
QCK-FL2G-D30-19	0.3 [0.012]	2 [0.079]
QCK-FL2G-D75-20	0.75 [0.03]	30 [1.181]

Unit: mm [in]

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