

QCK-FL2G-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

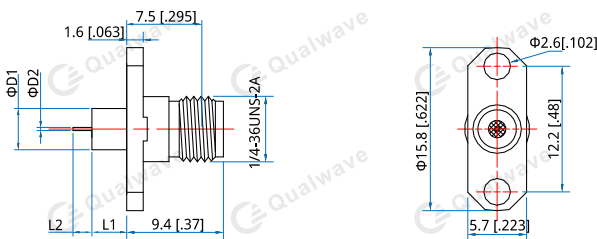
Mechanical

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

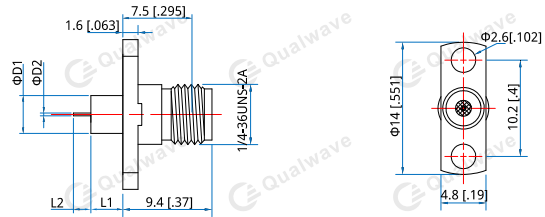
Outline Drawings



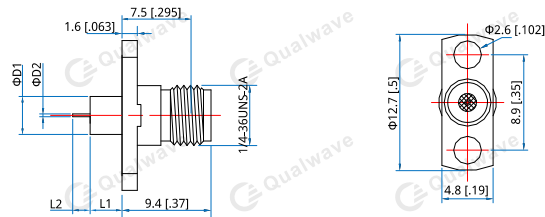
Part Number	ΦD1	ΦD2	L1	L2
QCK-FL2G-M30-01	4 [1.58]	0.3 [0.12]	1.4 [0.55]	1.5 [0.59]
QCK-FL2G-M30-02	4 [1.58]	0.3 [0.12]	3 [1.18]	1.5 [0.59]
QCK-FL2G-M60-03	4 [1.58]	0.6 [0.24]	10.1 [3.98]	1.27 [0.5]
QCK-FL2G-M30-04	4 [1.58]	0.3 [0.12]	3.2 [1.26]	1.5 [0.59]

Unit: mm [in]

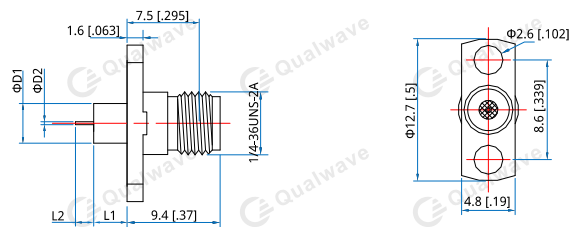
Tolerance: ±0.2mm [±0.008in]



Part Number	ΦD1	ΦD2	L1	L2
QCK-FL2G-M30-05	4 [1.58]	0.3 [0.12]	1.4 [0.55]	1.5 [0.59]
QCK-FL2G-M30-06	4 [1.58]	0.3 [0.12]	3 [1.18]	1.5 [0.59]
QCK-FL2G-M60-07	4 [1.58]	0.6 [0.24]	10.1 [3.98]	1.27 [0.5]
QCK-FL2G-M30-08	4 [1.58]	0.3 [0.12]	3.2 [1.26]	1.5 [0.59]



Part Number	ΦD1	ΦD2	L1	L2
QCK-FL2G-M30-09	4 [1.58]	0.3 [0.12]	1.4 [0.55]	1.5 [0.59]
QCK-FL2G-M30-10	4 [1.58]	0.3 [0.12]	3 [1.18]	1.5 [0.59]
QCK-FL2G-M60-11	4 [1.58]	0.6 [0.24]	10.1 [3.98]	1.27 [0.5]
QCK-FL2G-M30-12	4 [1.58]	0.3 [0.12]	3.2 [1.26]	1.5 [0.59]



Part Number	ΦD1	ΦD2	L1	L2
QCK-FL2G-M30-13	4 [1.58]	0.3 [0.12]	1.4 [0.55]	1.5 [0.59]
QCK-FL2G-M30-14	4 [1.58]	0.3 [0.12]	3 [1.18]	1.5 [0.59]
QCK-FL2G-M60-15	4 [1.58]	0.6 [0.24]	10.1 [3.98]	1.27 [0.5]
QCK-FL2G-M30-16	4 [1.58]	0.3 [0.12]	3.2 [1.26]	1.5 [0.59]