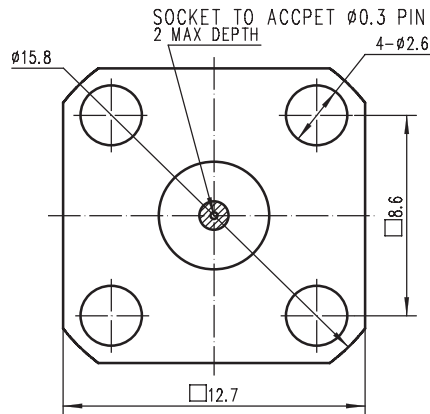
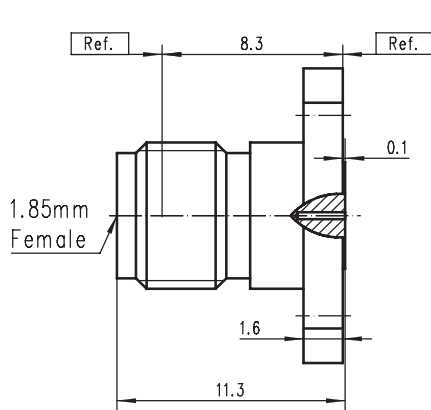


CONNECTOR 1.85mm Female

1.85mm-KFD1G



Code : 250501

Electrical data

Impedance	50 Ω
Frequency	DC to 65 GHz
Return loss	≥ 19 dB, DC to 65 GHz
Insertion loss	$\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB
Insulation resistance	≥ 5 G Ω
Center contact resistance	≤ 4.0 m Ω
Outer contact resistance	≤ 2.5 m Ω
Test voltage	500 V rms
Working voltage	150 V rms
RF-leakage	≥ 100 dB up to 1 GHz

Mechanical data

Mating cycles	≥ 500
Coupling nut retention	≥ 20 N
Coupling test torque	1.65 Nm
Recommended torque	0.80 Nm to 1.10 Nm

Material and plating

Connector parts	Material	Plating
Center contact	Beryllium copper	Gold, over chemical nickel
Outer contact	Stainless steel	Passivated
Dielectric	PEI	

Environmental data

Temperature range	-65°C to +165°C
Thermal shock	IEC 61169-1, Subclause 9.4.4
Corrosion	IEC 61169-1, Subclause 9.4.6
Vibration	IEC 61169-1, Subclause 9.3.3
Shock	IEC 61169-1, Subclause 9.3.14
Moisture resistance	IEC 61169-1, Subclause 9.4.3
2002/95/EC (RoHS)	compliant