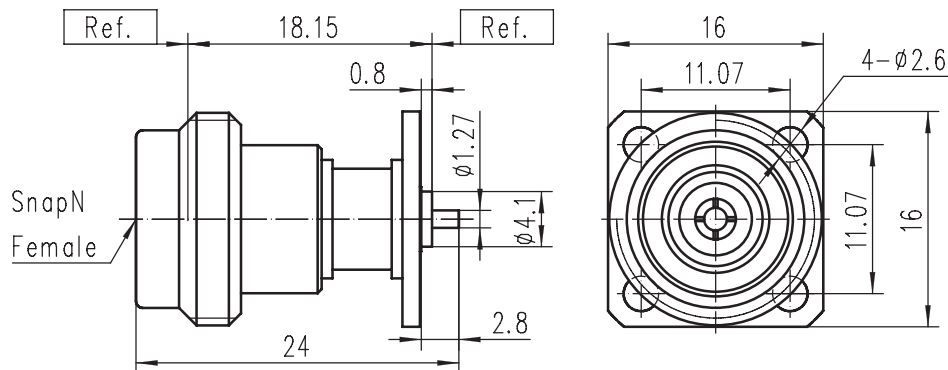


CONNECTOR

Snap N-KFD1



Code : 200019

Electrical data

Impedance	50 Ω
Frequency	DC to 11 GHz
Return loss	≥ 32 dB, DC to 2.5 GHz
	≥ 30 dB, 2.5 to 4 GHz
	≥ 20 dB, 4 to 5 GHz
Insertion loss	≤ 0.05 dB $\times \sqrt{f}$ [GHz]
Insulation resistance	$\geq 5 \times 10^3$ M Ω
Center contact resistance	≤ 1.0 m Ω
Outer contact resistance	≤ 1.0 m Ω
Test voltage	2500 V rms
Working voltage	1400 V rms
RF-leakage	-90 dB @ 3 GHz
PIM	≤ -158 dBc

Mechanical data

Mating cycles	min. 200
Center contact captivation: axial	≥ 28 N
radial	≥ 3 Ncm
Engagement force	30 N (typ.)
Disengagement force	30 N (typ.)

Material and plating

Connector parts

Center contact
Outer contact
Dielectric

Material

Phosphor Bronze
Brass
PTFE

Plating

Silver 3-6 μ m
Cu-Sn-Zn

Environmental data

Temperature range	-65°C to +165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. A
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Meth. 106
2002/95/EC (RoHS)	compliant