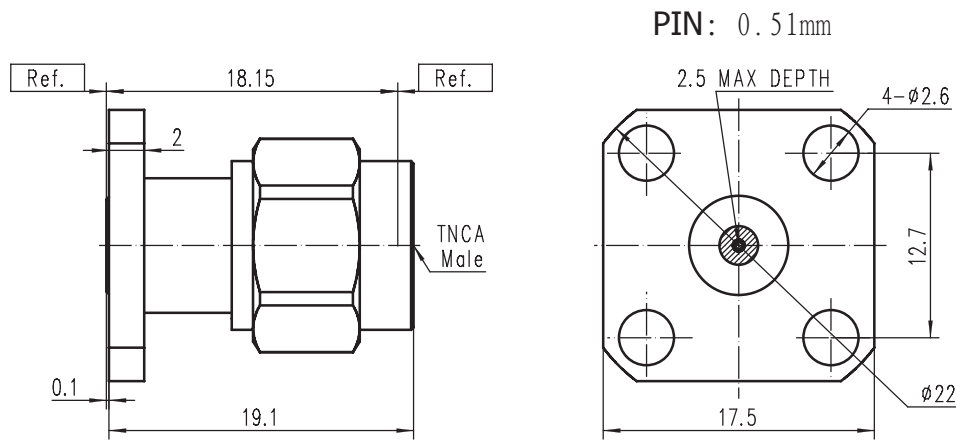


# CONNECTOR TNCA-Male

# TNCA-JFD51G



Code: 180003

## Electrical data

Impedance	50 $\Omega$
Frequency	DC to 18 GHz
Return loss	$\geq 32$ dB, DC to 1 GHz $\geq 28$ dB, 1 to 3 GHz $\geq 18$ dB, 3 to 18 GHz
Insertion loss	$\leq 0.05$ dB, DC to 18 GHz
Insulation resistance	$\geq 5 \times 10^3$ M $\Omega$
Center contact resistance	$\leq 1.5$ m $\Omega$
Outer contact resistance	$\leq 1$ m $\Omega$
Test voltage	1500 V rms
Working voltage	500 V rms

## Mechanical data

Mating cycles	min. 500
Center contact captivation: axial	$\geq 15$ N
Coupling test torque	max. 1.7 Nm
Recommended torque	0.46 Nm to 0.69 Nm

## Material and plating

Connector parts	Material	Plating
Center contact	CuBe	Gold
Outer contact	Stainless Steel	Passivated
Coupling nut	Stainless Steel	Passivated
Dielectric	PTFE	

## 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. B
Shock	MIL-STD-202, Meth. 213, Cond. G
Moisture resistance	MIL-STD-202, Meth. 106
2002/95/EC (RoHS)	compliant