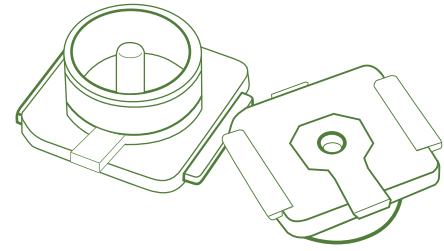


# RF Header

RF Header (Mini Coaxial Connector)  
The RF series is designed for high frequency or wireless equipment application



## ► Features ◀

- High performance and broad range of frequency from DC to 6GHz
- Only 1.5mm mating height maximum. Receptacle size only 2.0mm x 2.0mm x 0.85mm. Most suitable for low-profile as well as high density design
- Tape and Reel packaging suitable for SMT and re-flow soldering
- Applications on such as, mobile phone, cordless phone, GRS, wireless NB, mini PCI module, measuring equipment and many more.

## ► Applications ◀

- Mobile phone
- Cordless phone
- GRS
- Wireless NB
- Mini PCI module
- Measuring equipment and many more.

## ► Specification ◀

	Item	Specification	Conditions
<b>RATING</b>	Rated Voltage	60V rms	
	Rated Frequency	0-6GHz	
	Operating Temperature	-40 to +85°C	
	Operating Humidity	90% RH Max	
	Nominal Characteristic Impedance	50 Ω	
<b>ELECTRIC</b>	Insulation Resistance	500M Ω min	100V DC
	Withstand Voltage	No flash and insulation breaking	200V A/C rms /1min
	Contact Resistance	Center : 20m Ω Max Outer : 10m Ω Max	MIL-STD 202, 10mA Max.
	VSWR	1.3 max. 0-3GHz 1.4 max. 3-6GHz	By network analyzer
<b>MECHANICAL</b>	Durability	Center : 25m Ω Max Outer : 15m Ω Max	30cycles of mating/unmating with corresponding plug
	Mechanical shock	No discontinuity of 1μs min. no damage,cracks or parts dislocation	Acceleration of 735m/s <sup>2</sup> ,11ms duration, sine half-wave form, 3 cycles, in 3 axes.
	Vibration	No discontinuity of 1μs min. no damage,cracks or parts dislocation	Frequency 10-100Hz single amplitude of 1.5 acceleration of 59m/s <sup>2</sup> , for 5 cycles in each 3 axes.
<b>ENVIRONMENT</b>	Thermal Shock	No damage, cracks or parts dislocation. Resistance: Center : 20m Ω Max Outer : 10m Ω Max	Temperature cycles: -40°C / 30min. +5°C to 35°C / 3min. +90°C / 30min. +5°C to 35°C / 3min 5 cycles