

MRF18 Series

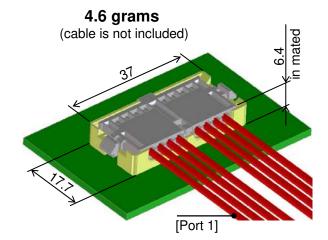
Vertical Mating, Non-Magnetic 8-channel Coaxial Connector

Features

- 1. Non-Magnetic coaxial connector
- 2. Small Size & Light Weight
- 3. Vertical mate, horizontal cable out
- 4. High lock strength & cable pull resistance
- 5. Easy cable termination with soldering both center and outer conductors
- 6. Flow mounting or manual soldering for PCB mounting
- 7. Applicable cable ranges from ϕ 1.13 to 1.8 mm
- 8. RoHS compliant



Small Size & Light Weight



Cable Outer Dia.: *ϕ* 1.13 to 1.8 mm

Cable Pull Force: 70 N/line

(Actual measured value with RG-178B/U cable)

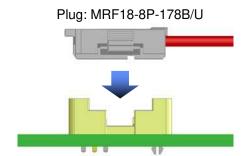
Lock Strength: 28 N

(Actual measured value when cables are pulled up)

Specifications

Characteristic Impedance	50 Ω
Operating Temperature Range	-40 °C to + 125 °C (includes temperature rise caused by current flow)
V.S.W.R.	1.3 Max. from DC to 1 GHz 1.4 Max. from 1 to 2 GHz
Contact Resistance	Center: 35 m Ω Max. Outer: 20 m Ω Max.
Insulation Resistance	500 M Ω Min. (DC100 V)
Withstanding Voltage	AC 300 V for 1 minute
Durability	30 times

Vertical Mate Allows Layout on PCB Center



Receptacle: MRF18-8R-PC

High Frequency Characteristics

Data at [Port 1]

