FLYER

K.FL2 Series

1.2mm Mated Height Max.

Micro RF Connector

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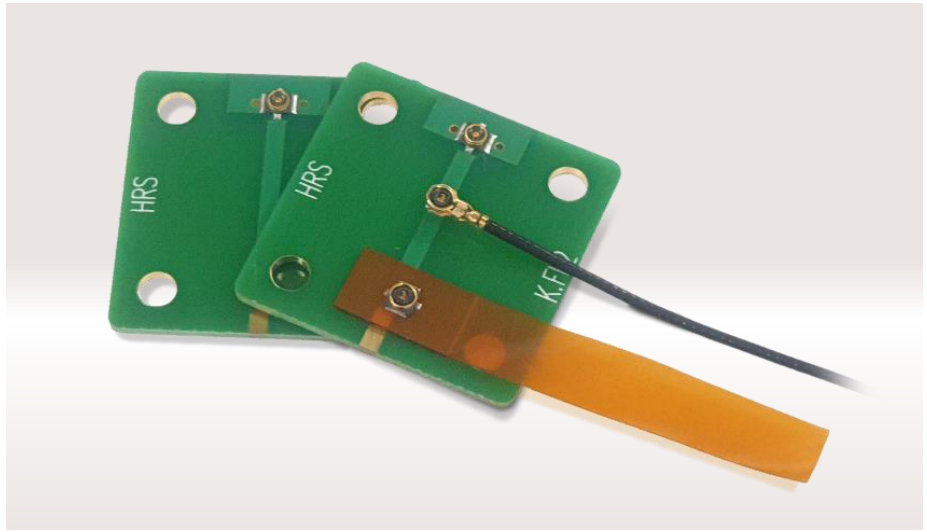


Features

RF | Low Profile | FPC

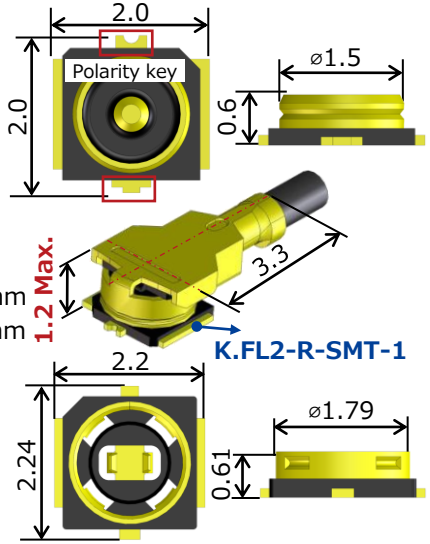
1. **Low profile RF connector (Mated height : 1.2mm Max.)**
2. **Prevention of plug deformation at removal and improved mating retention force**
3. **Easy to check the mounting direction using the polarity key**
4. **Solder wicking / Flux penetration prevention**
5. **Excellent high frequency performance**
   - V.S.W.R : 1.3 Max. (0 to 3GHz)
   1.5 Max. (3 to 6GHz)
   1.6 Max. (6 to 8GHz)
6. **Pick & Place Mounting**

Dimensions

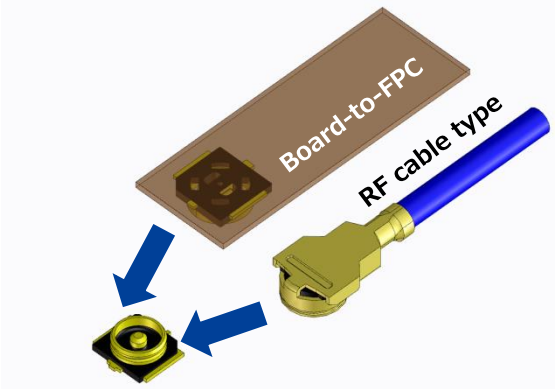
Receptacle
[K.FL2-R-SMT-1]

Plug (RF cable type)
[K.FL2-LP-###]
<Double Ended Harness>
KFL22LP-044H1TS-A100 : ⌀0.64mm
KFL2-2LP-04H1T-A-100 : ⌀0.81mm

Header (Board-to-FPC type)
[K.FL2-PR-SMT09]



Variations of Mating



Receptacle

K.FL2 has 2 mating variations:

1) **Receptacle + Plug (Cable type)**
2) **Receptacle + Header (Board-to-FPC type)**

Specifications

Contact Resistance	20mΩ Max.
Withstanding Voltage	200V AC for 1 min.
Insulation Resistance	500MΩ Min. (100V DC)
Mating Durability	20 times
Characteristic Impedance	50Ω
V.S.W.R.	1.3 Max. : 0 to 3GHz 1.5 Max. : 3 to 6GHz 1.6 Max. : 6 to 8GHz

- RoHS compliant, Halogen-free product*

*This product satisfies halogen free requirements defined as 900ppm maximum chlorine, 900ppm maximum bromine, and 1,500ppm maximum total of chlorine and bromine.

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