



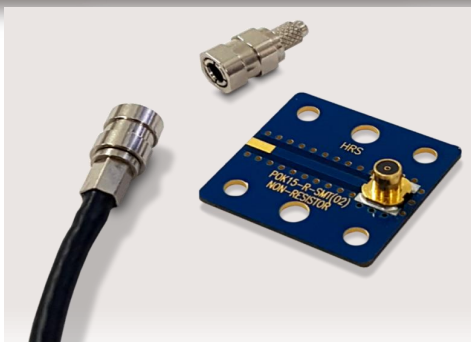
RF



Floating



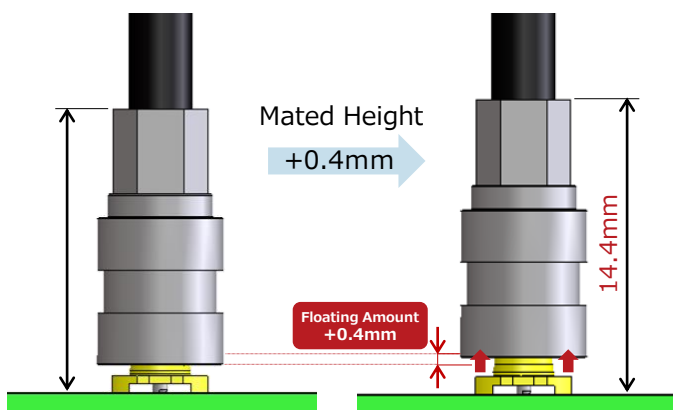
Automotive



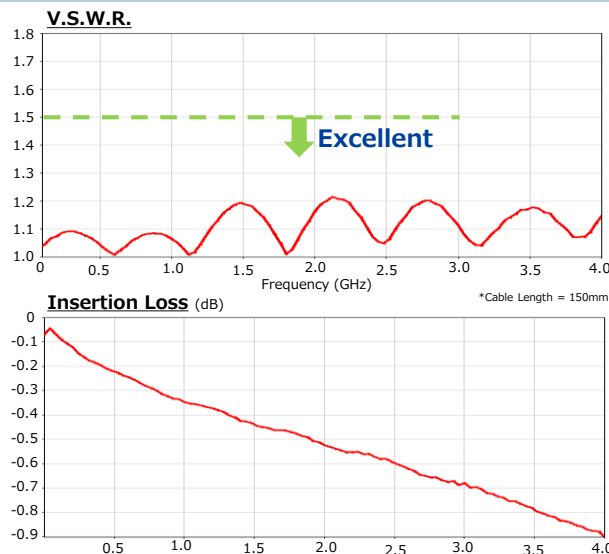
Features

- 1 Low profile RF Wire-to-Board connector (Mated height: 14mm)
- 2 Meets severe automotive requirements
- 3 Mating failure minimized with clear tactile click
- 4 Floating design up to +0.4mm in Z-axis direction
- 5 Excellent high frequency performance - V.S.W.R: 1.5 Max. (DC to 3GHz)
- 6 Suitable for Automotive applications such as Infotainment, Telematics, Camera and Antenna

Floating Design



High Frequency Performance



Specifications

Characteristic Impedance	50Ω
V.S.W.R.	DC to 3GHz : 1.5 Max.
Operating Temperature	-40 to +105°C*
Contact Resistance	Inner/Outer contact 30mΩ Max. at 1mA AC
Withstanding Voltage	500V AC for 1 min.
Insulation Resistance	100MΩ Min. (500V DC)
Mating Durability	30 times
Shock Resistance	980m/s ² , 6ms pulse duration 10 times in 3 directions

*Includes the temperature rise due to current flow.

- Applicable Cable : 1.5SDS (Outer diameter : ø3.0)

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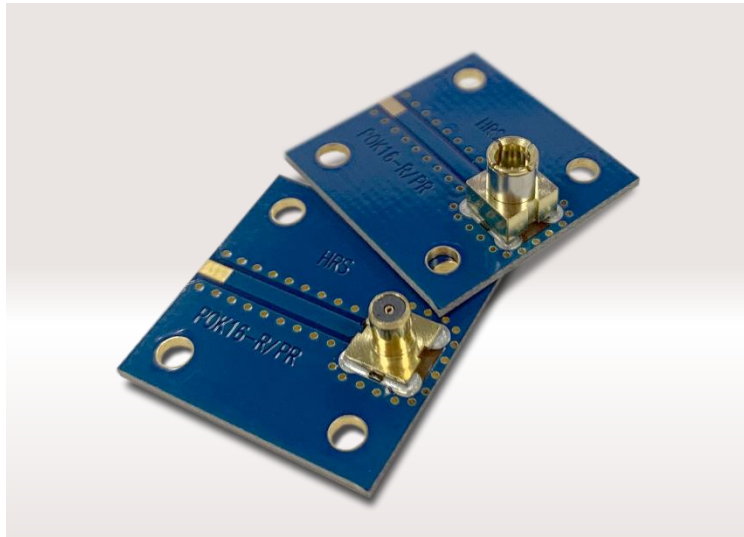
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Features

- 1 **Low Profile RF Board-to-Board connector**
(Mated height : 7.4mm)
- 2 **Meets severe automotive requirements**
- 3 **Mating failure minimized with clear tactile click**
- 4 **Easy to check the mounting direction using the polarity key**
- 5 **Excellent high frequency performance**
- V.S.W.R. : 1.5 Max. (DC to 3GHz)
- 6 **Suitable for Automotive applications such as**
Wireless phone charger, Infotainment, Telematics,
Camera and Antenna



RF



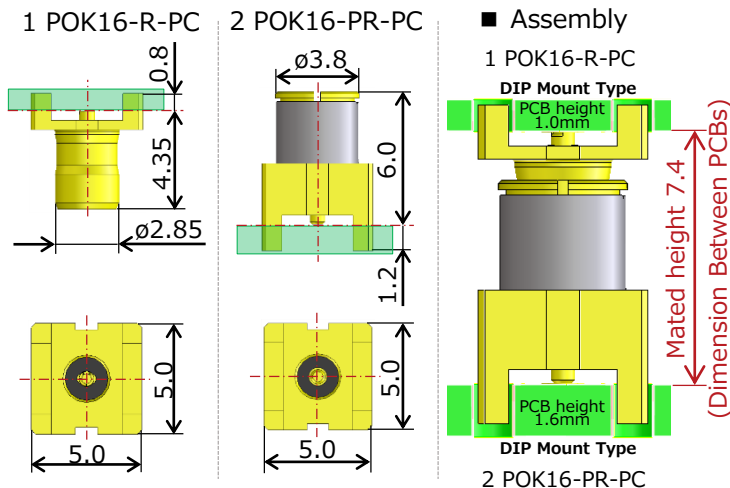
3 GHz



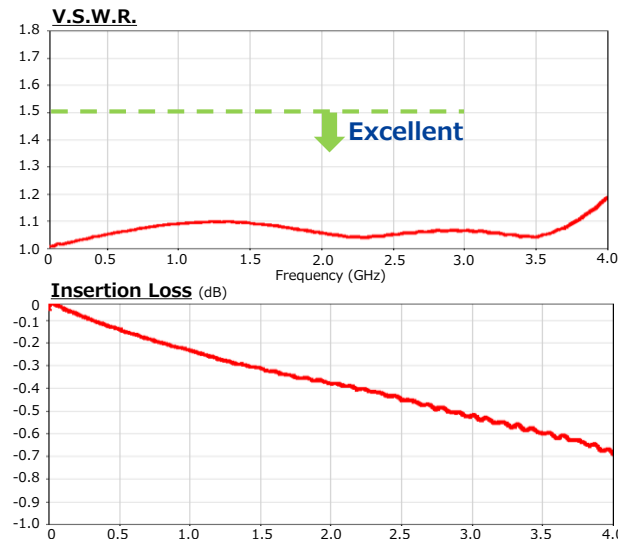
Automotive

Dimensions

Unit : mm



High Frequency Performance



Specifications

Characteristic Impedance	50Ω
V.S.W.R.	DC to 3GHz : 1.5 Max.
Operating Temperature	-40 to +105°C*
Contact Resistance	Inner/Outer contact 30mΩ Max. at 1mA AC
Withstanding Voltage	500V AC for 1 min.
Insulation Resistance	100MΩ Min. (500V DC)
Mating Durability	30 times
Shock Resistance	980m/s ² , 6ms pulse duration 10 times in 3 directions

*Includes the temperature rise by current flow.



Features

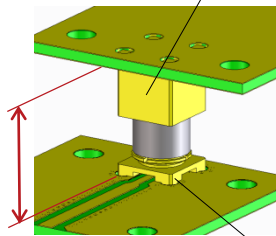
- 1 **Low profile RF Connector**
 - Board-to-Board : 9mm Mated Height
 - Wire-to-Board : 12mm Mated Height
- 2 **Choice of two connection methods improves board design flexibility**
- 3 **Mating failure minimized with clear tactile click**
- 4 **Excellent high frequency performance**
 - V.S.W.R. : 1.5 Max. (DC to 6GHz)
- 5 **Meets severe automotive requirements**
- 6 **Suitable for Automotive applications such as Infotainment, Telematics, Camera and Antenna**

Can Choose from Two Connection Styles

[Assembly]

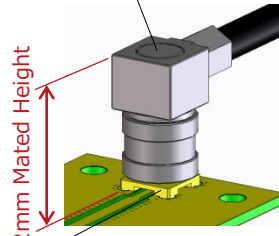
■ Board-to-Board

Plug Receptacle : POK19-PR-PC



■ Wire-to-Board

Plug : POK19-LP-1.5D

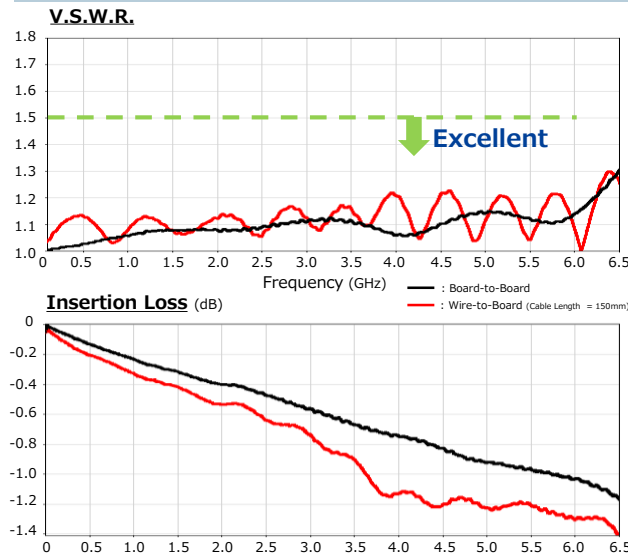


12mm Mated Height

Receptacle : POK19-R-PC is

Compatible with Both Types.

High Frequency Performance



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