



## 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. (0 to 6GHz)
- 5 **Meets severe automotive requirements**
- 6 **Suitable for Automotive applications such as Infotainment, Telematics, Camera and Antenna**



RF



6 GHz



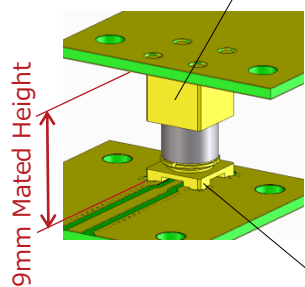
Automotive

## Can Choose from Two Connection Styles

[Assembly]

### Board-to-Board

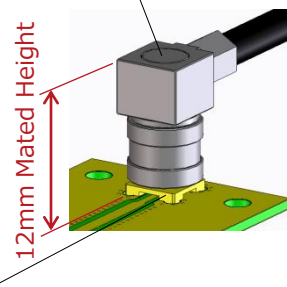
Plug Receptacle : POK19-PR-PC



9mm Mated Height

### Wire-to-Board

Plug : POK19-LP-1.5D

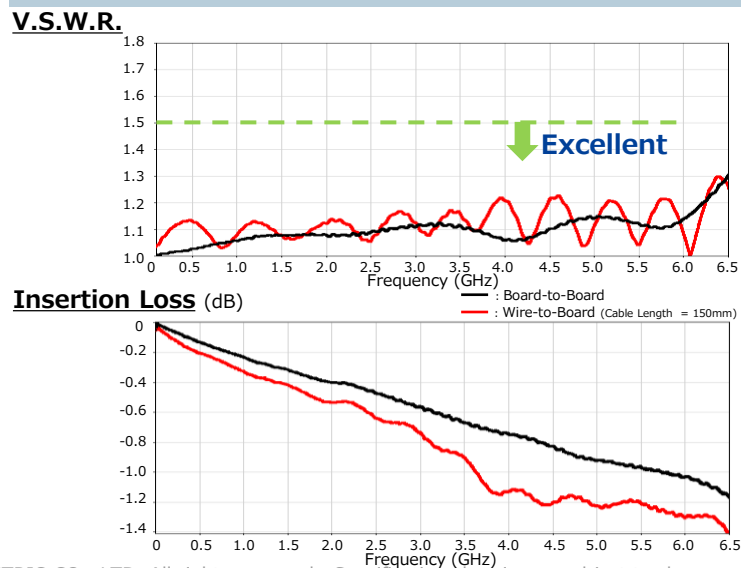


12mm Mated Height

Receptacle : POK19-R-PC is

Compatible with Both Types.

## High Frequency Performance



## Specifications

Characteristic Impedance	50Ω
V.S.W.R.	0 to 6GHz : 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 <sup>2</sup> , 6ms pulse duration 10 times in 3 directions

\*Includes the temperature rise due to current flow.

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