



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



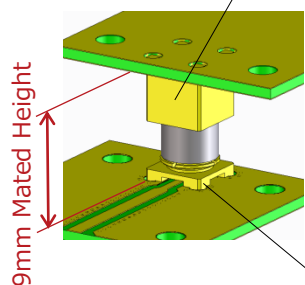
Automotive

Can Choose from Two Connection Styles

[Assembly]

Board-to-Board

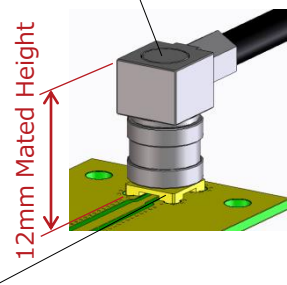
Plug Receptacle : POK19-PR-PC



9mm Mated Height

Wire-to-Board

Plug : POK19-LP-1.5D

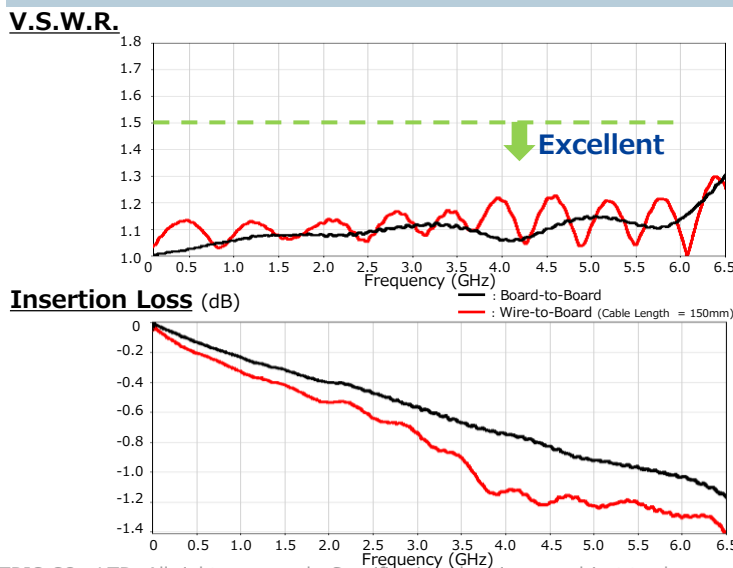


12mm Mated Height

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 ² , 6ms pulse duration 10 times in 3 directions

*Includes the temperature rise due to current flow.

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