FLYER **POK15** Series

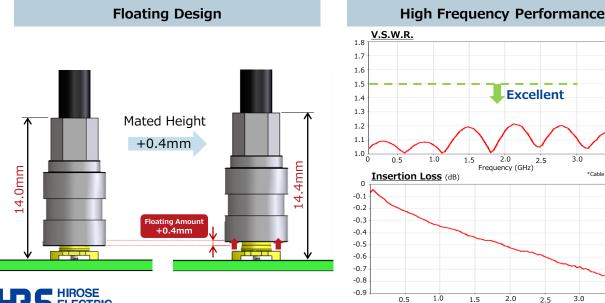
14mm Mated Height **RF Wire-to-Board Connector for Automotive**



1 Low profile RF Wire-to-Board connector (Mated height: 14mm)



- 2 Meets severe automotive requirements
- 3 Mating failure minimized with clear tactile click
- Floating design up to +0.4mm in Z-axis direction 4
- 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**



Specifications		
	500	

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 $30m\Omega$ 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
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*Includes the temperature rise due to current flow

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

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Frequency (GHz)

3.0

3.5

3.5

*Cable Length = 150mm

40

4.0

Mouser Electronics

Authorized Distributor

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Hirose Electric:

<u>POK15-P-1.5D M/C(800)</u> <u>POK15-P-1.5D PLUG(800)</u> <u>POK15-R-SMT(800)</u> <u>POK15-R-SMT(895)</u> <u>POK15-P-1.5D</u> <u>SLEEVE(800)</u>