FLYER **POK15** Series

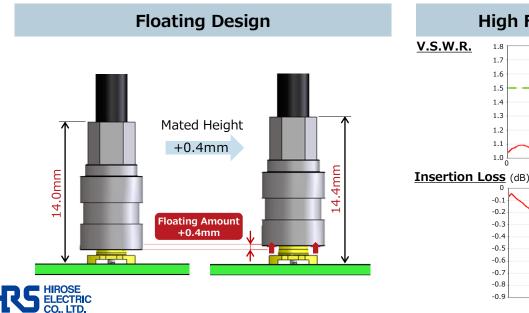
14mm Mated Height **RF Wire-to-Board Connector for Automotive**



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



- 2 Meets severe automotive requirements
- 3 Mating failure minimized with clear tactile click
- 4 Floating design up to +0.4mm in Z-axis direction
- 5 Excellent high frequency performance - V.S.W.R: 1.5 Max. (0 to 3GHz)
- 6 Suitable for Automotive applications such as Infotainment, **Telematics, Camera and Antenna**



High Frequency Performance 1.8

1.0

1.5

0.5

0.5

Excellent

35

3.5

4.0

*Cable Length = 150mm

3.0

∠.∪ 2.5 Frequency (GHz)

1.7 1.6 1.5

1.4 1.3

1.2 1.1

1.0

-0.1

-0.2

-0.3

-0.4 -0.5

-0.6 -0.7

-0.8

-0.9

Features

Specifications

Characteristic Impedance	50Ω
V.S.W.R.	0 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

*Includes the temperature rise due to current flow. - Applicable Cable : 1.5DS (Outer diameter : ø3.0)

2.0 2.5 Frequency (GHz) 1.5 EN_F_POK15_0_1_16-9, Jul. 16, 2020 ©2020 HIROSE ELECTRIC CO., LTD. All rights reserved. Specifications herein are subject to change without notice. Contact Hirose for the latest specifications, drawings, and availabilities.