

Features

- 1 **125°C heat resistance for automotive specifications**
- 2 **±0.8mm floating design in X and Y directions**
- 3 **High speed transmission (5Gbps)**
- 4 **Shield and grounding provide EMI protection**
- 5 **Wide self-alignment range : ±1.2mm in X and Y directions**
- 6 **Power contacts on each side of the connector (3A/Contact × 4 Contacts)*¹**



High Temp

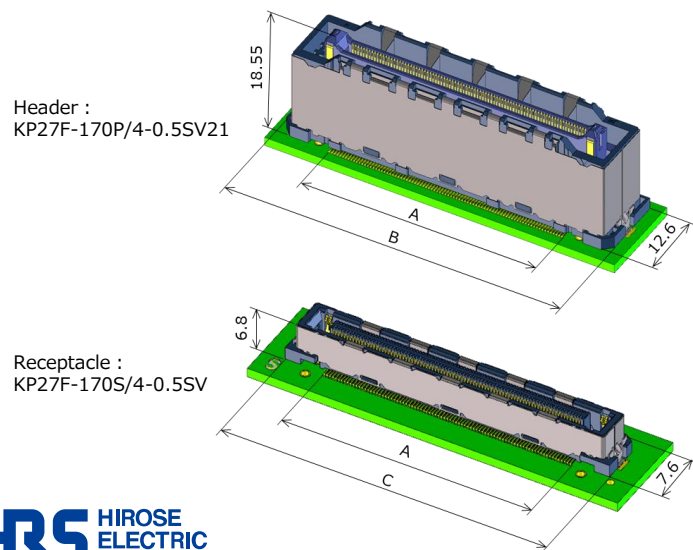


Floating



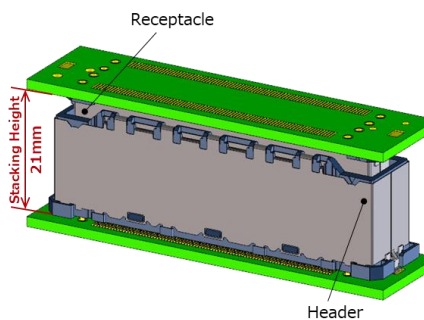
Automotive

Variations and Dimensions



<Mated State>

Unit : mm



No. of Pos.	Power Contact* ²	A	B	C
60	None	14.5	31.7	27.82
170	Available	42.0	59.2	55.32

*² Only 170pos. are available with power contacts. 60pos. may be considered upon request.

Specifications

Rated Current	Signal Contact : 0.5A Power Contact* ¹ : 3.0A
Rated Voltage	50V AC
Operating Temperature	-55 to +125°C* ³
Contact Resistance	Signal Contact : 50mΩ Max. Power Contact* ¹ : 30mΩ Max.
Withstand Voltage	150V AC for 1 min.
Insulation Resistance	100MΩ Min. (100V DC)
Mating Durability	100 times

*³ Including temperature rise due to current flow

*¹ Only 170pos.

- Halogen-free Compliant

This product satisfies halogen free requirements defined as 900ppm maximum chlorine, 900ppm maximum bromine, and 1,500ppm maximum total of chlorine and bromine.