

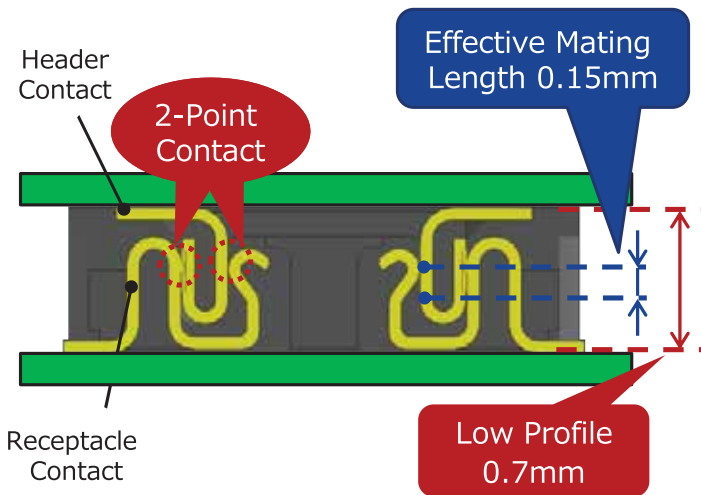
KN13C Series

0.4mm Pitch, 0.7mm Stacking Height, Board to FPC Connectors

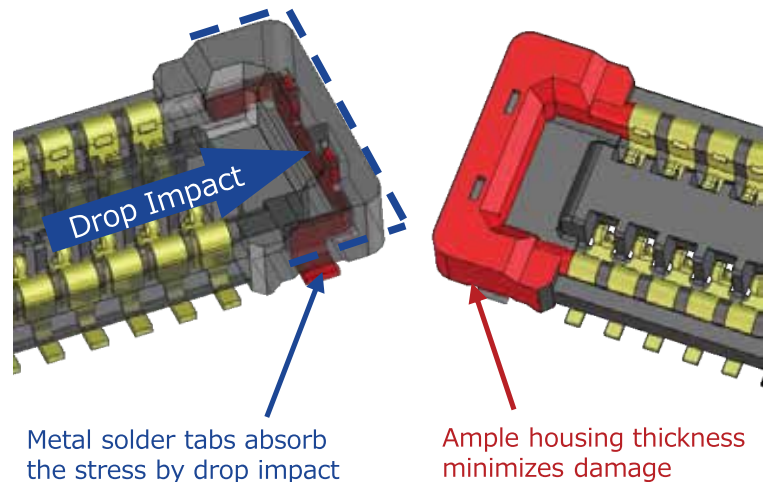
FEATURES:

- ▶ Space saving : 0.7mm stacking height, 2.5mm width
- ▶ Robust design with metal solder tabs and ample housing thickness
- ▶ Highly reliable 2-point contact design
- ▶ Easy mating operation with clear tactile click and wide self alignment range
- ▶ Wide vacuum pick & place area with 2.5mm width
- ▶ Solder wicking prevention and contact protection against dust

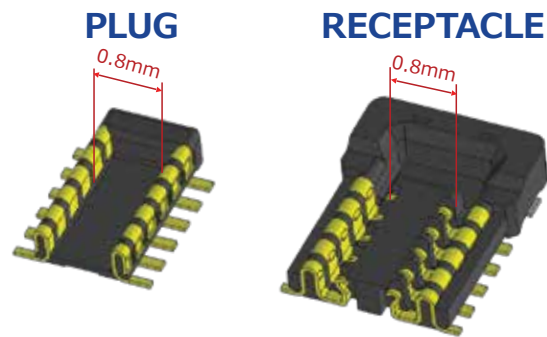
Highly Reliable Contact Design



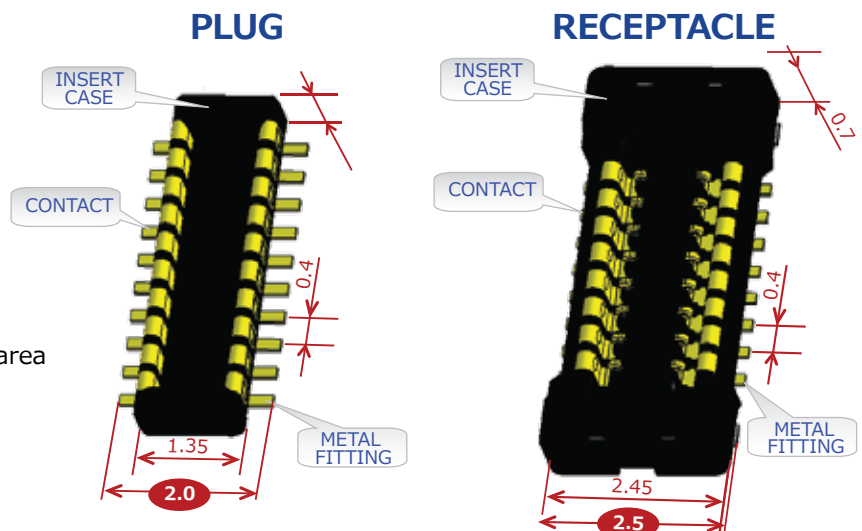
Robust Design



Wide Vacuum Pick-up Area



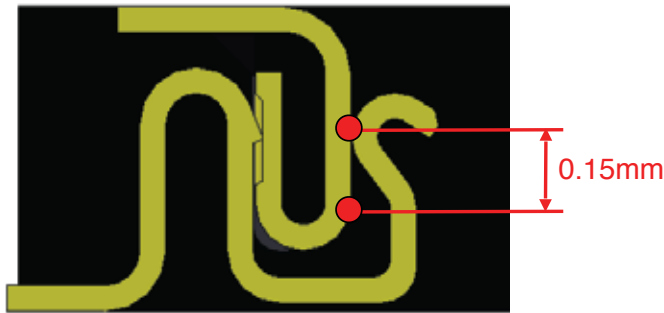
Space Saving by Narrow Width



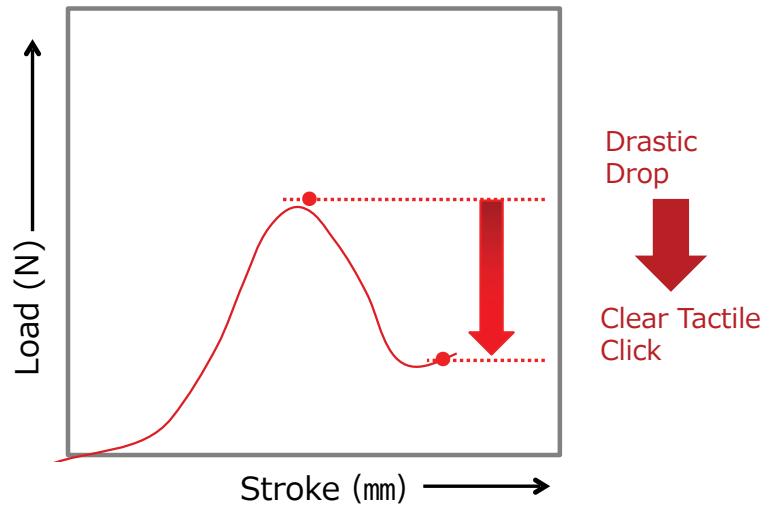
Space saving, yet sufficient vacuum pick & place area
 Accepts **universal vacuum pick & place nozzle.**



Long Effective Mating Length



Insertion Force Load Curve



0.15 mm long effective mating length provides **clear tactile and high contact reliability**

Specifications

MATERIAL AND FINISH

Component		Material	Finish, Remarks
Housing		LCP *1	Black / UL94V-0
Contact		Phosphor bronze	Au plating over Nickel barrier
Metal fitting	Plug	Phosphor bronze	Au plating over Nickel barrier
	Receptacle	Phosphor bronze	

* Note 1 : This product satisfies halogen free requirements defined as 900ppm maximum chlorine, 900ppm maximum bromine, and 1500ppm maximum total of chlorine and bromine.

PERFORMANCE CHARACTERISTICS

Rating Current	0.3A
Rating Voltage	50V AC
Operating Temperature*2	-40~+85 °C
Contact Resistance	100mΩ MAX
Voltage Proof	250V AC For 1 Min
Insulation Resistance	100MΩ MIN (100V DC)

* Note 2 : Include the temperature rising by current flow.



For additional information please go to <https://www.hirose.com/product/series/KN13C>
 Specifications herein are subject to change without notice.
 Contact Hirose for latest specifications, drawings, or availabilities.

