

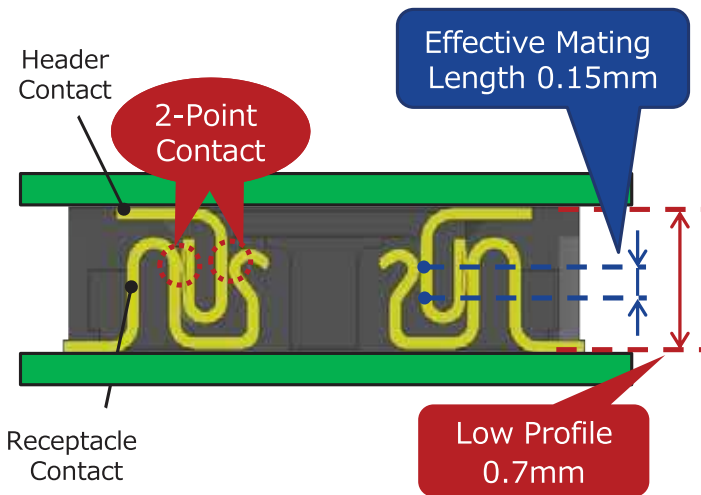
## KN13C Series

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

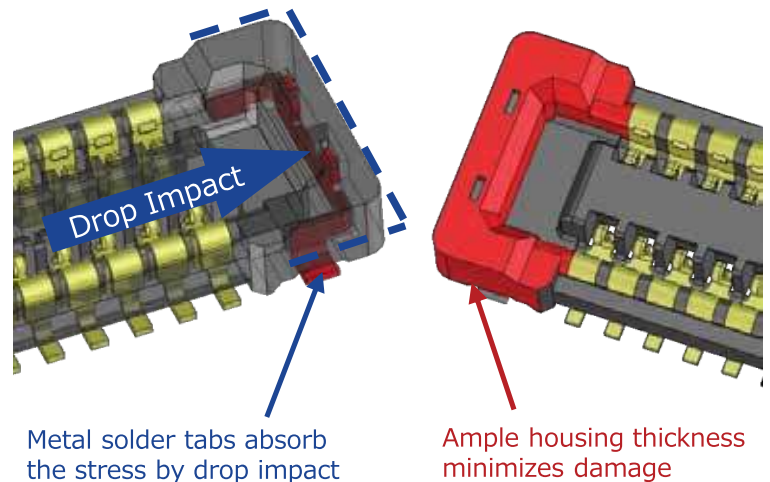
### FEATURES:

- ▶ 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

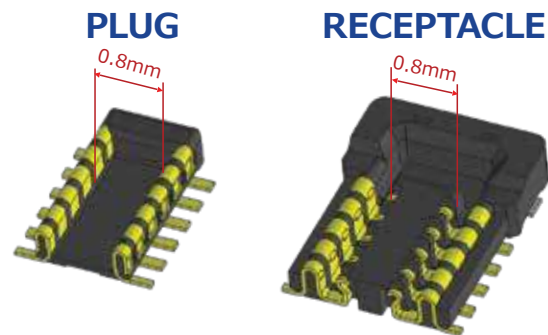
### Highly Reliable Contact Design



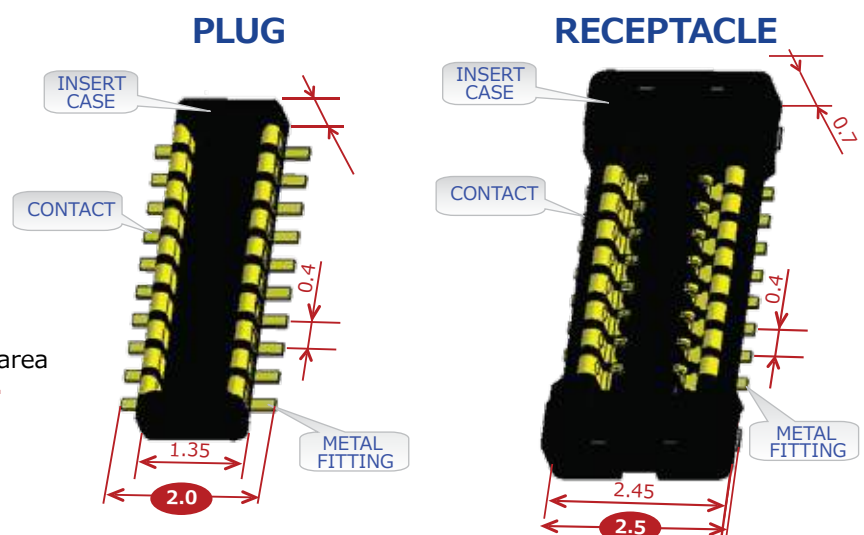
### Robust Design



### Wide Vacuum Pick-up Area



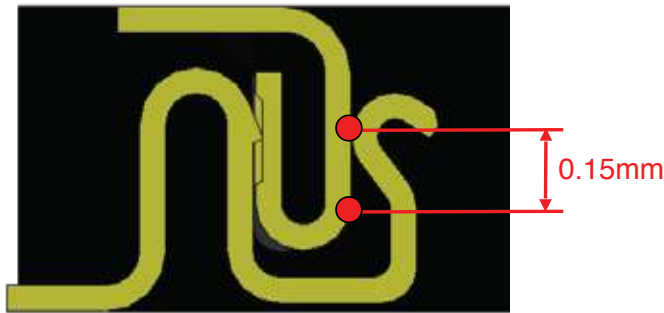
### Space Saving by Narrow Width



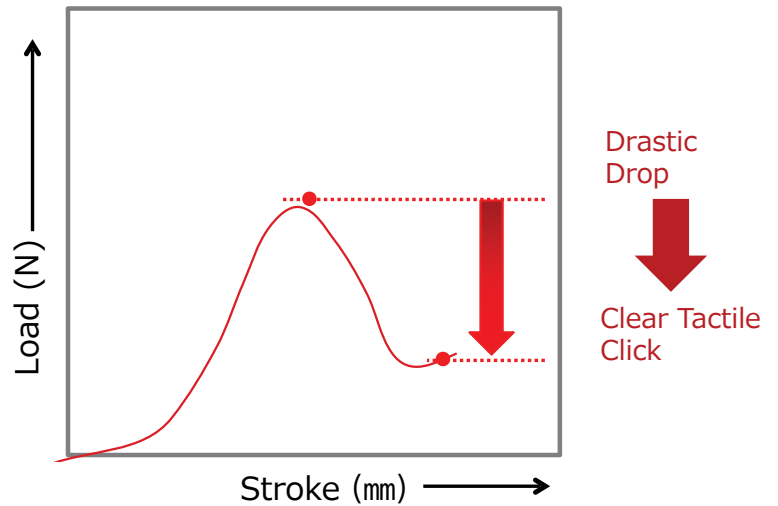
Space saving, yet sufficient vacuum pick & place area  
 Accepts **universal vacuum pick & place nozzle.**



## 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.

