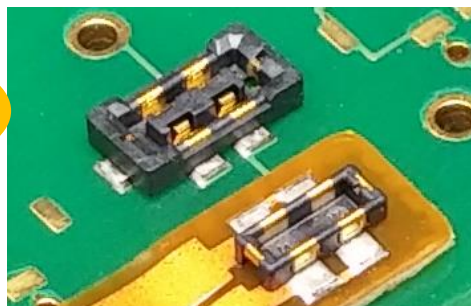




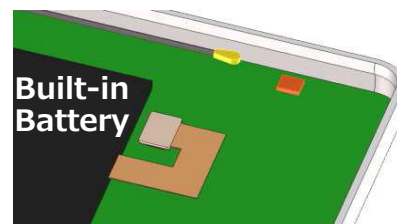
KN14 Series

Ultra Small Hybrid Board to FPC Connector
up to 6 Amps

**Space saving
2.2mm depth**



Connection Example

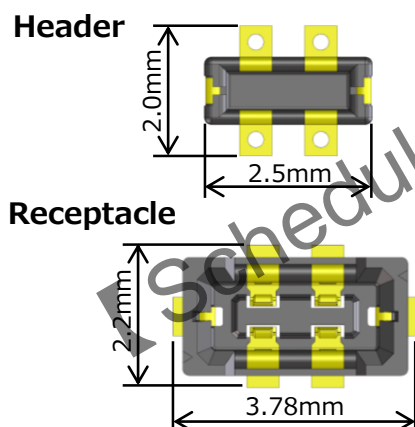


Battery connection

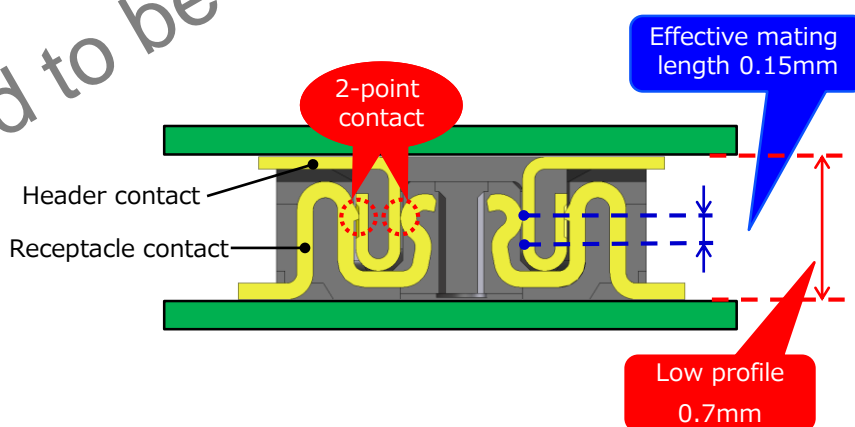
◆ Features

1. Space saving design with the capability of high current power supply
 - Rated current: 6 Amps for power contact, 0.6 Amps for signal contact
 - Stacking height: 0.7 mm, Width: 2.2 mm
2. Highly reliable retention force with metal locks
3. Superior contact reliability with 2-point contact & 0.15mm effective mating length
4. Easy mating operation with clear tactile click and wide self alignment range
5. Solder wicking prevention and contact protection against dust

◆ Dimensions (2 pos.)



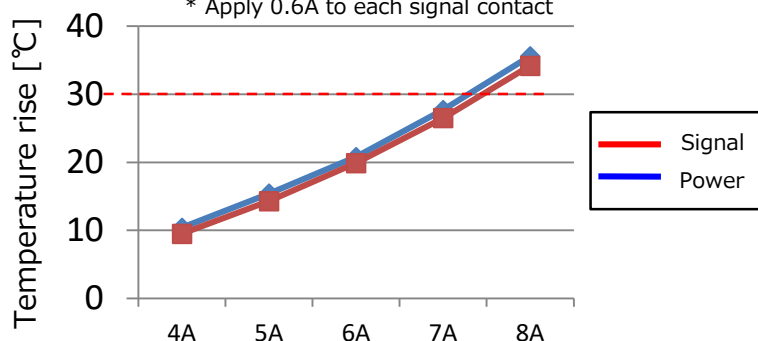
◆ Highly reliable contact design



◆ Power up to 6A

30°C or less temperature rising while 6Amps power being applied

* Apply 0.6A to each signal contact



Test Board Specifications

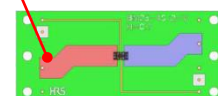
Pattern Width (Power contact) 6mm

PCB FR-4 70x20x0.8mm

Copper Foil 35μm



Temperature Rising
Test Board : Header



Temperature Rising
Test Board : Receptacle

◆ Variations

-2 pos. (Signal 2 pos., Power 2 pos.)

Specifications herein are subject to change without notice. Contact Hirose for latest specifications, drawings or availabilities