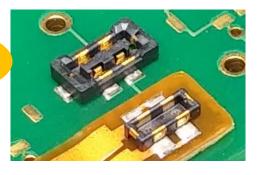
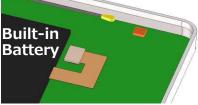
KN14 Series HS KINL4 SELLES Ultra Small Hybrid Board to FPC Connector up to 6 Amps

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.) Header Effective mating length 0.15mm 2-point contact 2.5mm Header contact Receptacle Receptacle contact Low profile 3.78mm 0.7mm Power up to 6A 30°C or less temperature rising while 6Amps power being applied * Apply 0.6A to each signal contact 40 **Test Board Specifications** ູ່ວ Pattern Width (Power contact) 6mm Temperature rise 30 PCB FR-4 70x20x0.8mm Signal Copper Foil 35µm 20 Power 10 0 4A 5A 6A 7A 8A Variations **Temperature Rising Temperature Rising** Test Board : Header Test Board : Receptacle -2 pos. (Signal 2 pos., Power 2 pos.) Specifications herein are subject to change without notice. Contact Hirose for latest specifications, drawings or availabilities

© 2017 HIROSE ELECTRIC CO., LTD. All rights reserved.

Highly reliable contact design

Issued: Dec. 13, 2017

HIROSE ELECTRIC CO., LTD.