

NEW PRODUCT

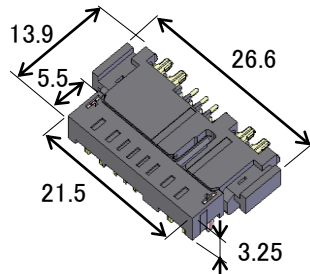
Blade type connector for Battery

LBTCONNECTOR BTYPE

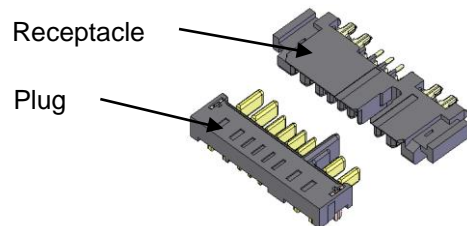
Signal 1.7mm Pitch
Power supply(Inside) 11.8mm Pitch
Power supply(Outside) 16.8mm Pitch

The low profile (space saving type) and high current 14A/2 pair can be applied is realized. The 4 signal contacts and the 4 power supply contacts are clearly separating blade type connector for battery.

Outer dimensions (for mating condition)



Unmating condition

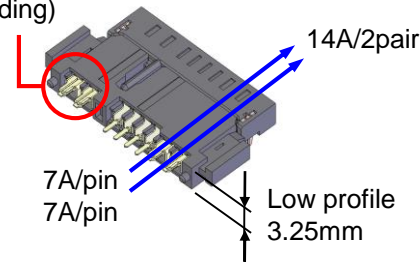


Product features

Low profile 3.25mm, high current 14A/2pair

Due to the structure to separate heat is designed for Power supply contact of receptacle contact (patent pending) in order to low profile 3.25mm and high current 14A/2pair.

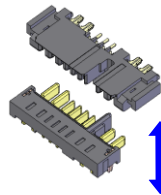
structure to separate heat (patent pending)



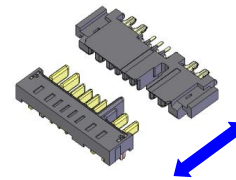
Sequentially connecting for vertically and horizontally mating

Provides both vertically and horizontally mating, flexibly connected to requests for mating angle.

- When vertically mating, Two step-sequence connected in order of "Power (-) precedes other contacts".
- When horizontally mating, Three step-sequence connected in the order of "power supply (-) → power supply (+) → signal".



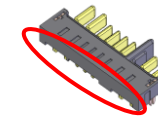
Vertically mating
2step-sequence



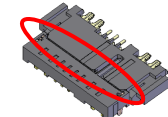
Horizontally mating
3step-sequence

Prevent contact exposures

In order to prevent contact exposures, covered the contact in the housing.



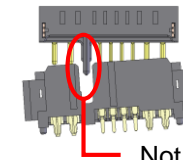
Plug(stand alone)



Top surface
when mating condition

Sequentially connecting for vertically and horizontally mating

In order to protect short-circuit prevention key of plug housing from being damaged by the rattling of PC and battery, large clearance on the receiving part of receptacle against the short-circuit prevention key of plug housing was designed.



Not contact with large clearance

General Specifications

- Circuit No. : 4 signal circuits and 4 power supply circuits
- Current rating : Signal 0.5A/pin AC·DC
Power supply 7.0A/pin AC·DC
- Voltage rating : 30V AC·DC
- Temperature range : -25°C~+85°C
(Including the temperature rise in applying electrical current.)

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