NEW PRODUCT

Blade type connector for Battery

**LBT CONNECTOR B TYPE**

**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.

- **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".

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

- **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.

**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℃～+85℃
  (Including the temperature rise in applying electrical current.)

**Outer dimensions**

- **(for mating condition)**

**Unmating condition**

- **Receptacle**
- **Plug**

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.