# FB6 SERIES CONNECTORS

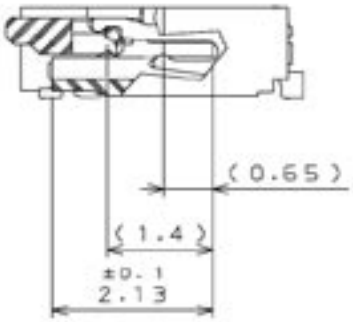
## 0.3mm pitch FPC Connector (Bottom Contact)

The FB6 Series are bottom contact 0.3-mm pitch one-touch FPC connectors for compact and small information communication devices such as, mobile PCs, PDAs, LCDs and mobile phones.

### FEATURES

- Bottom surface contact 0.3 mm pitch one touch FPC connector
- Easy actuator operation due to rotation mechanism
- Supply of SMT type for automatic mounting with embossed tape
- Pb-free products (RoHS Directive)
- Connector depth 3.5mm (when placed to board) and 1.2 mm height
- Contact with solder wicking countermeasure

Connector Profile (Ref.)




### GENERAL SPECIFICATIONS

| | |
|---|---|
| Number of Contacts | 15, 17, 21, 27, 33, 39, 45, 51, 59 |
| Contact Resistance | 20 milliohms max. |
| Dielectric withstanding Voltage | DC250V per min. |
| Operating Temperature | -40°C to +85°C |
| Durability | 20 times |
| Rated Current | 0.35A per pos. |
| Rated Voltage | AC, DC 50V per pos. |
| Insulation Resistance | 100 milliohms min. |
| Contact Pitch | 0.3mm staggered pitch |
| Applicable FPC | 0.3mm pitch |
| | Thickness 0.15±0.03 with lining |

### MATERIALS AND FINISHES*

| Description | Materials/Finishes |
|---|---|
| Contact | CopperAlloy<br>Connecting Area: Au plating<br>Terminal Area: Au flashplating |
| Base Insulator | Synthetic Resin / No (UL94V-0) |
| Acutator | Synthetic Resin / No (UL94V-0) |

### ORDERING INFORMATION

**FB6 S *** J A 1 R2000**

Series
Mounting Type
S – Standard
No. of Contacts
Termination
J – Angle type without H/D
Contact Finish Code
A – Au / Au flash plating
Modification Code
2000 per Reel

• Please consult JAE for verification of product availability.

Dimensions and specifications subject to change without notice.