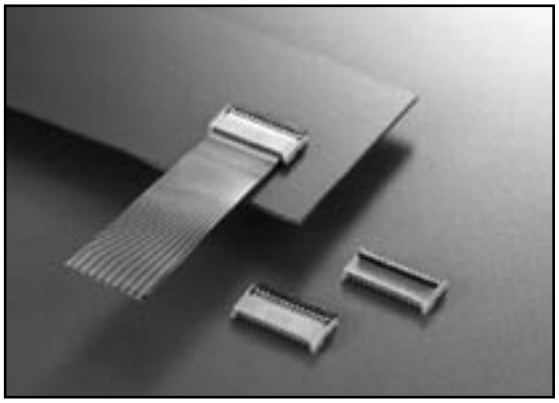
FB5 SERIES CONNECTORS

0.3mm pitch FPC Connector (Top Contact)



FEATURES

- Upper 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 4.3mm (when placed to board) and 1.2 mm height.
- Contact with solder wicking countermeasure

The FB5 Series are upper surface 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.

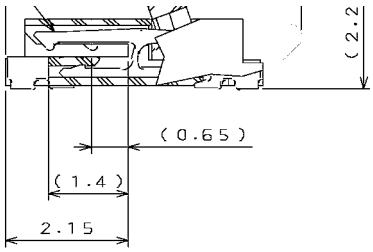
GENERAL SPECIFICATIONS

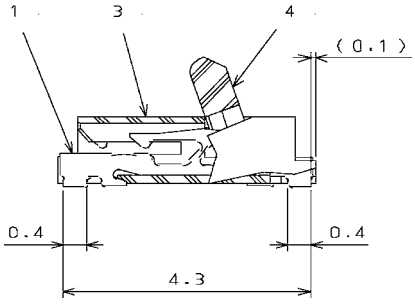
Number of Contacts	17, 25, 29, 31, 35, 39, 45
Contact Resistance	20 milliohms max.
Dielectric withstanding Voltage	DC250V per min.
Operating Temperature	-40°C to +85°C
Durability	20 times
Rated Current	0.35A per pos.
Rated Voltage	AC, DC 50V per pos.
Insulation Resistance	100milliohms min.
Contact Pitch	0.3mm staggered pitch
Applicable FPC	0.3mm pitch thickness 0.12±0.03 with lining

MATERIALS AND FINISHES*

Description	Materials/Finishes
Contact	Copper Alloy / Contact Area: Au Plating Terminal Area: Au Plating
Base Insulator	Synthetic Resin / No (UL94V-0)
Actuator	Synthetic Resin / No (UL94V-0)

Connector Profile (Ref.)





ORDERING INFORMATION

FB5 S *** J A 1 R2000

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

- Please consult JAE for verification of product availability.

Dimensions in mm (inches).