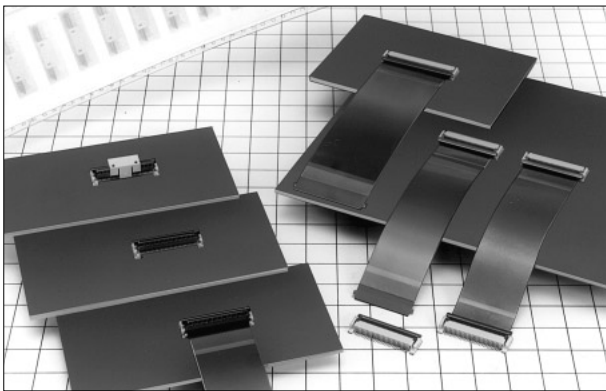


High density FPC connectors (0.3mm/0.4mm/0.5mm pitch)

FH16 Series



Features

- The FH16 series is a fine pitch of 0.3mm, 0.4mm, and 0.5mm ensures high density mounting of multipole connectors.
- Only slight force is required to lock the flip-lock (one-touch rotating type) zero insertion force (ZIF) structure.
- The locking mechanism clicks, thus making it possible to confirm secure flexible printed circuit (FPC) connections.
- Prevents flexible printed circuit (FPC) from falling out and oblique mating.
- The staggered pin design with a mounting pitch of 0.6mm ensures ease of mounting.

Applications

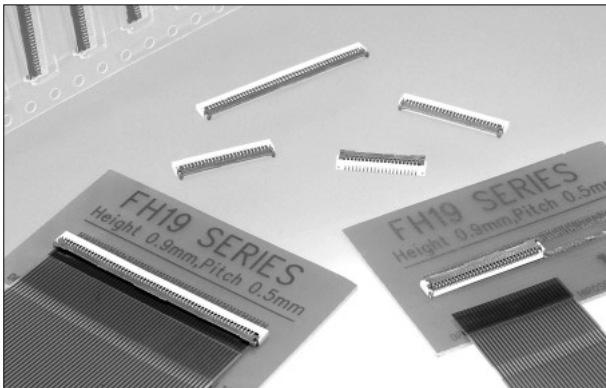
Notebook PCs, CD-ROM drives, Digital cameras, Printers, Compact equipment

Specifications

Item	Requirements
No. of Positions	50-60-64-80-90-96
Current rating (A)	0.15-0.3-0.4
PCB Mount Type	SMT
Contact Plating	Gold, tin-lead
Terminal Pitch (mm)	0.6-0.8-1
Contact Pitch (mm)	0.3-0.4-0.5
Contact Layout	Double row
Operating Temperature Range (°C)	-40 to 70
Insulator	Polyamide, LCP (UL94V-0, Color: Beige), PPS (UL94V-0, Color: Dark brown)
Applicable FPC/FFC (mm)	0.3
Remarks	FPC connector

0.5mm pitch, 0.9mm above the board, FPC/FFC connectors

FH19 Series



Features

- Low profile 0.5mm pitch flexible printed circuit (FPC) connectors.
- The embossed tape reels made of paper.
- All bottom surface of the connector with no pattern-prohibited area (i.e., over-molding structure).
- Only slight force is required to lock the flip-lock (one-touch rotating type) zero insertion force (ZIF) structure.
- Accepting 0.2mm and 0.3mm thick flexible printed circuit (FPC), flexible flat cable (FFC), thus ensuring ease of insertion.

Applications

Mobile Phones, LCD units, DVC units, DSC units, PDA units, Camera modules, Compact equipment

Specifications

Item	Requirements
No. of Positions	4-5-6-8-9-10-12-13-14-15-16-17-18-20-21-22-24-26-27-30-32-40-45-50
Current rating (A)	0.5
PCB Mount Type	SMT
Contact Plating	Gold, tin-lead
Terminal Pitch (mm)	0.5
Contact Pitch (mm)	0.5
Contact Layout	Single row
Operating Temperature Range (°C)	-55 to 85
Insulator	LCP (UL94V-0, Color: Beige), PPS (UL94V-0, Color: Black, dark brown)
Applicable FPC/FFC (mm)	0.2-0.3
Remarks	FPC/FFC connector