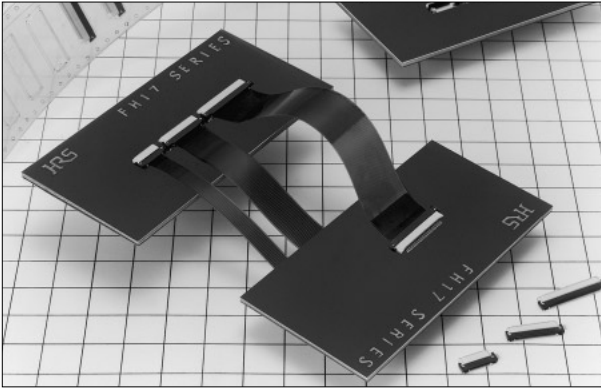


0.5mm pitch FPC connectors

FH17 Series



Features

- Low profile 0.5mm pitch flexible printed circuit (FPC) connectors. An ultra miniature version of the FH12 Series.
- Only slight force is required to lock the flip-lock (one-touch rotating type) zero insertion force (ZIF) structure.
- PCB drop-in type as a variation is available.
- Conforming to the thin type flexible printed circuit (FPC) now being used for small size electronic devices such as cameras.
- Embossed tape packaging allows automatic mounting.

Applications

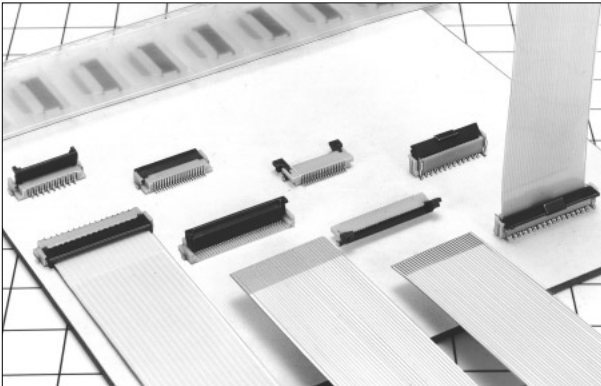
Mobile Phones, LCD-related applications, CD-ROM drives, Camera, Compact equipment

Specifications

Item	Requirements
No. of Positions	8-10-15-20-24-30
Current rating (A)	0.4
PCB Mount Type	SMT
Contact Plating	Tin-lead
Terminal Pitch (mm)	0.5
Contact Pitch (mm)	0.5
Contact Layout	Single row
Operating Temperature Range (°C)	-40 to 70
Insulator	LCP (UL94V-0, Color: Black, beige), PPS (UL94V-0, Color: Black)
Applicable FPC/FFC (mm)	0.17
Remarks	FPC connector

0.5mm and 1mm pitch FPC/FFC connectors

FH12 Series



Features

- 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 flexible printed circuit (FPC) and flexible flat cable (FFC) connections.
- One-touch zero insertion force (ZIF) structure reduces working space, thus making mounting possible in the center of the PCB.
- Upper, lower, and vertical contact types for flexible printed circuit (FPC) and flexible flat cable (FFC) connections are available.
- Models of 1mm pitch type as well as 0.5mm pitch type are available.

Applications

LCDs, Mobile Phones, CD-ROM drives, Compact equipment

Specifications

Item	Requirements
No. of Positions	4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-22-24-25-26-28-29-30-32-33-34-36-40-42-45-49-50-53
Current rating (A)	0.4
PCB Mount Type	SMT
Contact Plating	Gold, tin-lead
Terminal Pitch (mm)	0.5-1-2
Contact Pitch (mm)	0.5,1
Contact Layout	Single row
Operating Temperature Range (°C)	-40 to 70
Insulator	Polyamide (UL94V-0, Color: Beige), PPS (UL94V-0, Color: Dark brown)
Applicable FPC/FFC (mm)	0.18-0.3
Remarks	FPC/FFC connector