

Easy-On 1.00mm-Pitch FFC/FPC Connector >

As electronic devices become smaller and more densely packed, designers need connectors that deliver reliable signal performance without sacrificing board space or design flexibility. Easy-On 1.00mm-pitch FFC/FPC Connectors from Molex address this need by combining signal reliability, a compact design, a wide circuit-size range, multiple height options and cable style choices, making them ideal for tight-packaging applications.



ADVANTAGES AND FEATURES

Provides user-friendly board assembly

The vacuum pick-and-place area on top of housing helps prevent slow assembly and reduces misalignment risk, enabling smooth cable insertion and proper cable alignment.

Offers design flexibility

A wide range of circuit sizes from 3 to 34, combined with vertical and right-angle variants, support connectors that can fit within varying PCB layout constraints without requiring multiple connector families.

Enables secure mating

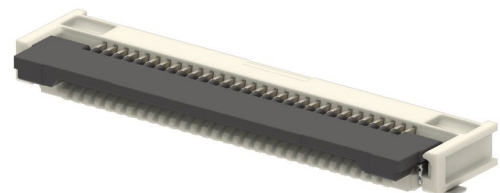
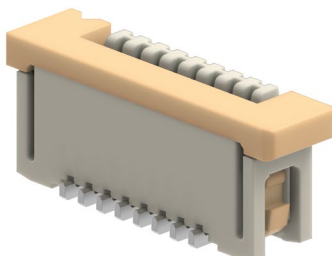
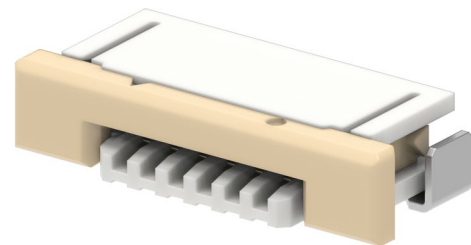
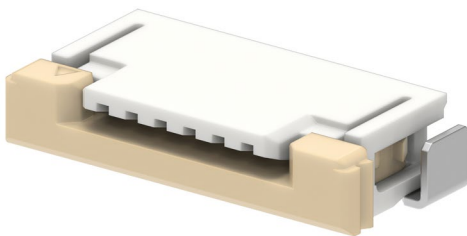
The cable ear-tab locking helps reduce the risk of accidental disconnection, ensuring cable alignment, high retention force and easy actuation.

Provides contact reliability

The double-bottom contact terminal design removes dust, providing stable redundant contact forces for secure electrical reliability.

Helps achieve space savings

The ultra-low-profile design with slim height and width helps save space while supporting different design requirements across compact applications.



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MARKETS AND APPLICATIONS

Automotive

Car infotainment
Car navigation controls
Display audio systems

Industrial

Drones
Robots

Medtech

Patient-monitoring devices

Mobile Devices

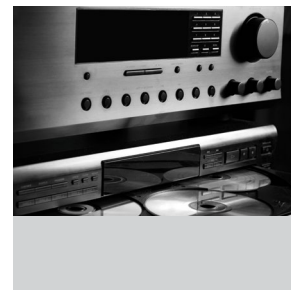
AR/VR devices
Notebook PCs
Personal navigation equipment
Printers
Portable gaming equipment
Tablets



Car Infotainment



Portable Gaming Equipment



Display Audio Systems



Printers



Patient-Monitoring Devices

SPECIFICATIONS

Reference Information

Packaging: Embossed tape
Mates With: FFC or FPC
Designed In: Millimeters
RoHS: Yes
Halogen Free: Low halogen

Electrical

Voltage (max.): 50V, 125V
Current (max.): 0.5A, 1.0A
Contact Resistance (max.): 20, 40 milliohms
Dielectric Withstanding Voltage: 50V AC
Insulation Resistance (min.): 50 Megohms

Mechanical

Durability (max.): 20, 25 cycles

Physical

Housing: Heat resistance resin
Contact: Copper alloy
Contact Area: Gold
Operating Temperatures: -40 to +85°C
-40 to +150°C (200528)

ORDERING INFORMATION

Series Number	Image	Mated Height (mm)	Width (mm)	Circuit Size	Orientation	Actuator Type	Contact Type	Contact Plating	Current (max.)	Voltage (max.)	FPC Thickness (mm)
200528		1.90	5.30	4 to 30	Right angle	Front flip	Bottom	Gold	1.0A	125V	0.3 ± 0.05
52207		2.70	7.60	3 to 34		Slider	Top	Gold	1.0A	125V	0.3 ± 0.05
52271		3.00	7.40	4 to 30		Slider	Bottom	Gold	0.5A	50V	0.3 ± 0.05
52610		5.75	4.50	5 to 30	Vertical	Slider	Single	Gold	1.0A	125V	0.3 ± 0.05

www.molex.com