

Easy-On FFC/FPC Connector 1.00mm Pitch

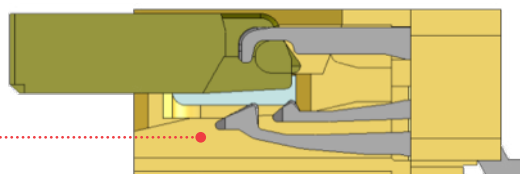
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Molex's 1.00mm pitch FFC/FPC connectors offer the best combination of signal reliability, compactness, wide circuit-size range, height and cable style choices of any similar version in the market. Ideal for tight-packaging applications

Features and Benefits

Double-bottom Contact Terminal Design

The double-bottom-contact terminal design removes dust and contaminants (better than single-bottom-contact terminals) and provides stable redundant contact forces for secure electrical reliability.



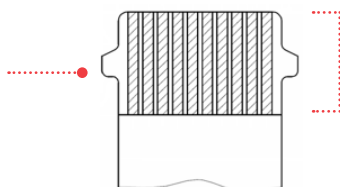
Double-contact type

Vacuum pick-and-place area on top of housing

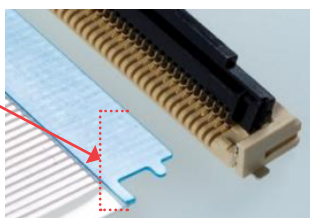
Provides easier board assembly and cost savings

Cable ear-tab locking

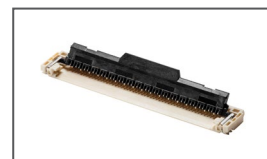
Provides cable alignment, high retention force and easy actuation.



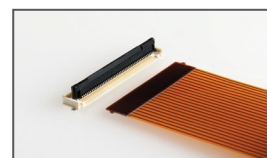
Standard ear-tab



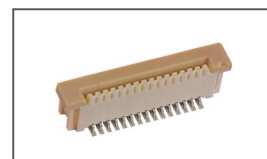
Custom-style ear tab



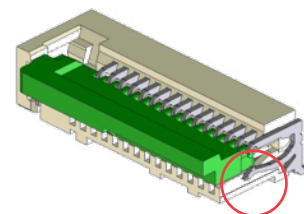
200528 Series



52610 Series



Single-contact type is also available (Option)



Zero insertion force

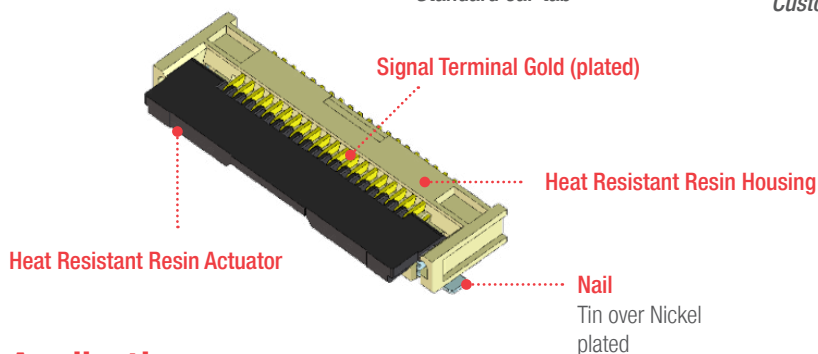
Facilitates easy cable insertion

Wide range of circuit sizes (4 to 80)

Offers design flexibility

Ultra Low Profile

Achieves space-savings to meet different design requirements



Applications

Automotive

- Car Infotainment
- Display audio
- Car navigation

Consumer

- Portable gaming equipment
- Personal navigation equipment
- VR / AR

Data Communications

- Optical disk drives
- Tablet and notebook PCs
- Printers and copiers

Medical

- Patient monitoring

Industry

- UAV (Drone)
- Robotics



Car Infotainment



Portable Gaming Equipment



Audio



Printer



Medical Device

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Specifications

REFERENCE INFORMATION

Packaging: Embossed Tape
Mates With: FFC or FPC
Designed In: Millimeters
RoHS: Yes
Halogen Free: Yes=200528

ELECTRICAL

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





MECHANICAL

Durability (max.): 20, 25 cycles

PHYSICAL

Housing: Heat Resistance Resin
Contact: Copper Alloy
Contact Area - Gold
Operating Temperature: -40 to +85°C,
-40 to +105°C (200528)

Ordering Information

Series Number	Image	Mated Height	Width	Circuit Size	Orientation	Actuator Type	Contact Type	Contact Plating	Current (max.)	Voltage (max.)	FPC Thickness (mm)
200528		1.90	5.30	4 to 40	R/A	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/smt_1.00mm-ffc-fpc.html

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