

Part Number: 52559-2874

FFC/FPC Connector, Vertical, Surface Mount, ZIF, 28 Circuits, with Tape Packaging Center Placement Holes, High Barrier Packaging



Status: **OBsolete**
 Replacement: [52559-2852](#)
 Series: [52559](#)
 Category: [FFC/FPC Connectors](#)
 Overview: [FFC-FPC \(SMT\)](#)

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Mates With Part(s):

[Molex Premo-Flex FFC](#), Be sure to match like plating

Specifications & Other Documents:

Note - Please disable browser pop-up blockers to view documents on www.molex.com

Product Environmental Compliance

Questions on Product Environmental Compliance? Email productcompliance@molex.com

EU ELV: Not Relevant

EU RoHS: Compliant

China RoHS:

REACH SVHC: Contains SVHC(2015 June 15): No

Low-Halogen Status: Not Low-Halogen

[RoHS Certificate of Compliance \(PDF\)](#)[Multiple Part Product Compliance Form \(PDF\)](#)

Application Tooling

FAQ

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)

Part Detail

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Status	Obsolete
Category	FFC/FPC Connectors
Series	52559
Overview	FFC-FPC (SMT)
Product Name	N/A
UPC	756054925447

[▼ Physical](#)

Circuits (Loaded)	28
Contact Position	N/A
Durability (mating cycles max)	20
Entry Angle	Vertical
Flammability	94V-0
Mated Height	3.90mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin-Bismuth
Material - Resin	Nylon
Net Weight	351.502/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FFC/FPC

[▼ Electrical](#)

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

[▼ Agency Certification](#)Please find UL Certificates by searching the UL Database using the Molex Series Number. [Click here to visit the UL Database](#)

UL E29179

[▼ Material Info](#)[▼ Reference - Drawing Numbers](#)

Product Specification	PS-52559-015
Sales Drawing	SD-52559-045, SD-52559-052