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Part Number: 0525594052
Status: Active
Overview: FFC-FPC (SMT)
Description: Easy-On™ Type FFC/FPC Connector, Vertical, Surface Mount, ZIF, 40 Circuits, Gold (Au) Contact Plating, High Barrier Packaging

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-52559-013-001 \(PDF\)](#)
[Application Specification AS-52559-001-001 \(PDF\)](#)
[Packaging Specification SPK-52559-003-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
UL E29179

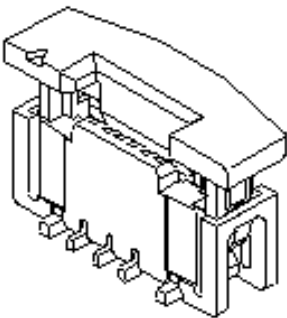
General
Product Family FFC/FPC Connectors
Series 52559
Overview FFC-FPC (SMT)
Product Name Easy-On™
UPC 822348533732

Physical
Circuits (Loaded) 40
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 Gold
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 468.662/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
Current - Maximum per Contact 0.5A
Voltage - Maximum 50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers
Application Specification AS-52559-001-001
Packaging Specification SPK-52559-003-001
Product Specification PS-52559-013-001
Sales Drawing SD-52559-048, SD-52559-049



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per
-ED/01/2017 (12
January 2017)
Halogen-Free
Status
Not Low-Halogen
Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series
[52559 Series](#)

Mates With
Molex Premo-Flex FFC. Be sure to match like plating

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