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Part Number:

0525594092

Status:

Planned for Obsolescence

Description:

0.50mm (.020") Pitch FFC/FPC Connector, Vertical, SMT, ZIF, 40 Circuits

Replacement Part Number:

525594052

Documents:

3D Model

Drawing (PDF)

Product Specification PS-52559-010 (PDF)

Product Specification PS-52559-017 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Product Name

Replacement Part Number

FFC/FPC Connectors

52559

N/A

525594052

Physical

Circuits (Loaded)

Color - Resin

Contact Position

Entry Angle

Flammability

Mated Height

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

Stackable

Temperature Range - Operating

Termination Interface: Style

Wire/Cable Type

40

Natural

N/A

Vertical

94V-0

3.90mm (.154")

Phosphor Bronze

Tin-Lead

Tin-Lead

High Temperature Thermoplastic

1

Vertical

No

Yes

Embossed Tape on Reel

0.50mm (.020")

3.048µm (120µ")

3.048µm (120µ")

No

No

-20°C to +85°C

Surface Mount

FFC/FPC

Electrical

Current - Maximum per Contact

Voltage - Maximum

0.5A

50V

Solder Process Data

Replacement RoHS Compliant Part Number

0525594072

Material Info

Reference - Drawing Numbers

Product Specification

PS-52559-010, PS-52559-017, RPS-52559-001,
RPS-52559-002, RPS-52559-004, RPS-52559-005,

EU RoHS

Not RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

52559Series

Sales Drawing

RPS-52559-006, RPS-52559-007, RPS-52559-013,
RPS-52559-031, RPS-52559-032, RPS-52559-034,
RPS-52559-035, RPS-52559-038, RPS-52559-040,
RPS-52559-041, RPS-52559-043, RPS-52559-045,
RPS-52559-056, RPS-52559-058, RPS-52559-060,
RPS-52559-063, RPS-52559-083, RPS-52559-084,
RPS-52559-085
SD-52559-054

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