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Part Number:

0545596011

Status:

Active

Description:

2.54mm (0.100") Pitch QF-50™ Flat Cable Receptacle Housing, 60 Circuits, Side Mating Keys

Documents:

3D Model

Drawing (PDF)

Product Specification PS-54559-004 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Component Type

Glow-Wire Compliant

Product Name

Ribbon Cable / Wire Trap Connectors

54559

Housing

No

QF-50™

Physical

Circuits (Loaded)

Color - Resin

Durability (mating cycles max)

Entry Angle

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire/Cable Type

60

Black

500

90° Angle

Yes

Phosphor Bronze

Gold

Gold

Polyester

2

None

Tray

0.100 In

2.54 mm

12

0.3

12

0.3

Yes

No

N/A

-40°C to +85°C

IDT or Pierce

1.14mm (.045") max.

28

Ribbon Cable

Electrical

Current - Maximum per Contact

Voltage - Maximum

1A

300V

Material Info

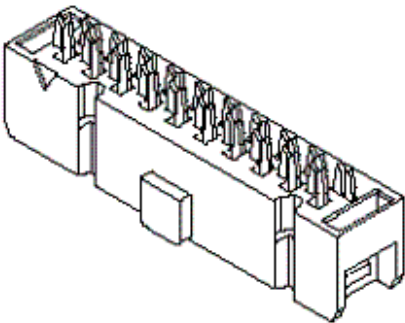
Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-54559-004, RPS-54559-008, RPS-54559-012, RPS-54559-014, RPS-54559-015

SD-54559-003



Series
image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

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
54559Series

Mates With
55401 Vertical Header, 55638 Right Angle Header

Use With
54561 Strain Relief, 54560 Upper Housing

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.

Japan	
Description	Product #
IDT Hand Tool Assembly For MIL Connector	0572525000
IDT Machine For MIL IDT Connector	0572527000

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