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Part Number: [0545592011](#)
Status: **Obsolete**
Overview: [qf50](#)
Description: 2.54mm (0.100") Pitch QF-50™ Flat Cable Receptacle Housing, 20 Circuits

Documents:
[Drawing \(PDF\)](#)

General

Product Family	Ribbon Cable / Wire Trap Connectors
Series	54559
Component Type	Housing
Glow-Wire Compliant	No
Overview	qf50
Product Name	QF-50™

Physical

Circuits (Loaded)	20
Color - Resin	Black
Durability (mating cycles max)	500
Entry Angle	90° Angle
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Polyester
Number of Rows	2
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface	2.54mm (.100")
Plating min - Mating	0.305µm (12µ")
Plating min - Termination	0.305µm (12µ")
Polarized to Mating Part	Yes
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	IDT or Pierce
Wire Insulation Diameter	1.14mm (.045") max.
Wire Size AWG	28
Wire/Cable Type	Ribbon Cable

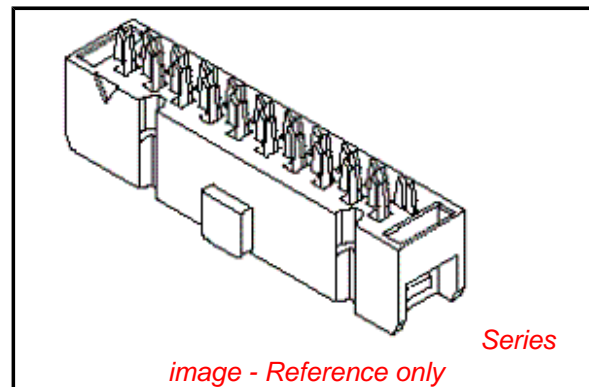
Electrical

Current - Maximum per Contact	1A
Voltage - Maximum	300V

Material Info

Reference - Drawing Numbers

Product Specification	PS-54559-004, RPS-501577-001, RPS-54559-008, RPS-54559-012, RPS-54559-014, RPS-54559-015
Sales Drawing	SD-54559-003



EU RoHS

ELV and 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

[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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