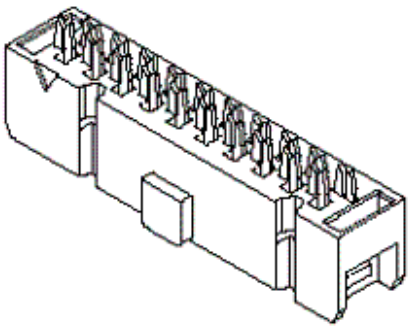
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Part Number: 0545595011
Status: Obsolete
Overview: qf50
Description: 2.54mm (0.100") Pitch QF-50™ Flat Cable Receptacle Housing, 50 Circuits, Side Mating Keys



Series image - Reference only

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)	50
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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