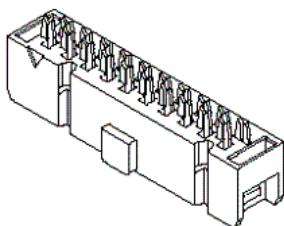


**Part Number: 54559-5041**

2.54mm Pitch QF-50™ Flat Cable Receptacle Housing, 50 Circuits, Central Mating Key



Series image - Reference only

<b>Status:</b>	<b>OBSOLETE</b>
<b>Replacement:</b>	NONE
<b>Series:</b>	<a href="#">54559</a>
<b>Category:</b>	Ribbon Cable / Wire Trap Connectors
<b>Overview:</b>	<a href="#">QF-50™</a>

**Mates With Part(s):**  
[55401](#) Vertical Header, [55638](#) Right Angle Header

**Use With:**  
[54561](#) Strain Relief, [54560](#) Upper Housing

**Product Environmental Compliance**

**EU RoHS:** ELV and RoHS Compliant

**China RoHS:**

**REACH SVHC:** Contains SVHC: No

**Low-Halogen Status:** Not Low-Halogen

**Part Detail****General**

<b>Status</b>	<b>Obsolete</b>
Category	Ribbon Cable / Wire Trap Connectors
Series	<a href="#">54559</a>
Component Type	Housing
Glow-Wire Compliant	No
Overview	<a href="#">QF-50™</a>
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
Plating min - Mating	0.305µm
Plating min - Termination	0.305µm
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 max.
Wire Size AWG	28
Wire/Cable Type	Ribbon Cable

**Electrical****(Please review the Product Specification for specific details.)**

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

**Material Info****Reference - Drawing Numbers**

Product Specification	RPS-54559-010
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**Application Tooling**

Tooling specifications and manuals are

found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

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**Previously Available Application Tooling**

[Check our list of old tooling that used to be available for this part](#)