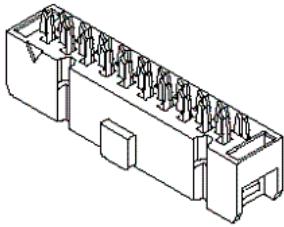


**Part Number: 54559-5041**

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



Series image - Reference only

Status:	OBsolete
Replacement:	NONE
Series:	54559
Category:	Ribbon Cable / Wire Trap Connectors
Overview:	QF-50™

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**

Status	Obsolete
Category	Ribbon Cable / Wire Trap Connectors
Series	54559
Component Type	Housing
Glow-Wire Compliant	No
Overview	QF-50™
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.

Previously Available Application Tooling

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