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Part Number: [0905711401](#)
Status: **Active**
Overview: QF-50™
Description: 2.54mm Pitch QF-50 Header, Vertical, Dual Row, Shrouded, DIN Keying, with Latch/Eject Levers, 40 Circuits, 0.1 µm Gold (Au)
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=090663140190663-1401> (drop-in)

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

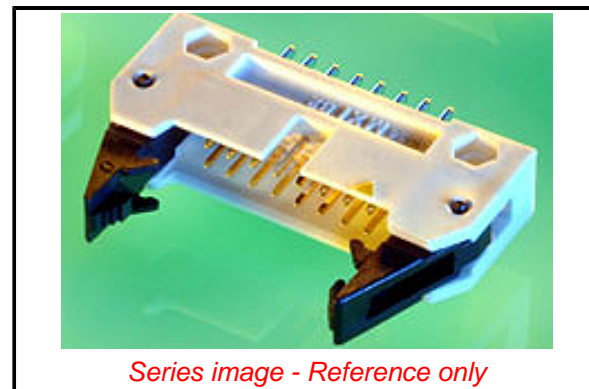
CSA LR19980
 UL E29179

General

Product Family Ribbon Cable / Wire Trap Connectors
 Series [90571](#)
 Comments Eject Levers
 Component Type PCB Header
 Glow-Wire Capable No
 Overview [QF-50™](#)
 Product Name QF-50
 Replacement Part Number [90663-1401](#) (drop-in)
 UPC 800753667297

Physical

Circuits (Loaded) 40
 Circuits (maximum) 40
 Color - Resin Black
 Durability (mating cycles max) 50
 Entry Angle Vertical
 Flammability 94V-0
 Lock to Mating Part None
 Material - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 11.903/g
 Number of Rows 2
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 2.54mm
 Pitch - Termination Interface 2.54mm
 Plating min - Mating 0.102µm
 Plating min - Termination 3.048µm
 Polarized to Mating Part Yes
 Polarized to PCB No
 Shrouded Yes
 Stackable Yes
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -25° to +85°C
 Termination Interface: Style Through Hole
 Wire Insulation Diameter N/A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2018 (15
 January 2018)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[90571](#) Series

Mates With

[90635](#) QF-50 Female Housing

Wire Size AWG	N/A
Wire/Cable Type	Ribbon Cable
Electrical	
Current - Maximum per Contact	1.0A
Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	WAVE
Material Info	
Reference - Drawing Numbers	
Sales Drawing	SDA-90571

This document was generated on 08/28/2018

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