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Part Number: [0905711161](#)
Status: **Active**
Overview: QF-50™
Description: 2.54mm Pitch QF-50™ Header, Vertical, Dual Row, Shrouded, DIN Keying, with Latch/Eject Levers, 16 Circuits, 0.1 µm Gold (Au)

Documents:

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

Agency Certification

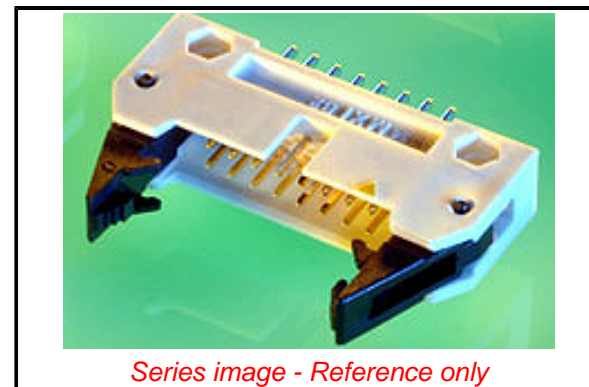
CSA LR19980
 UL E29179

General

Product Family Ribbon Cable / Wire Trap Connectors
 Series [90571](#)
 Comments Eject Levers
 Component Type PCB Header
 Glow-Wire Compliant No
 Overview [QF-50™](#)
 Product Name QF-50™
 UPC 800753669376

Physical

Circuits (Loaded) 16
 Circuits (maximum) 16
 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 7.950/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°C to +85°C
 Termination Interface: Style Through Hole
 Wire Insulation Diameter N/A
 Wire Size AWG N/A
 Wire/Cable Type Ribbon Cable



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/21/2016 (20 June
 2016)

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

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

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