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**Part Number:** [0905712201](#)  
**Status:** **Active**  
**Overview:** QF-50™  
**Description:** 2.54mm Pitch QF-50 Header, Vertical, Dual Row, Shrouded, DIN Keying, 20 Circuits, 0.1 µm Gold (Au)

**Documents:**

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

**Agency Certification**

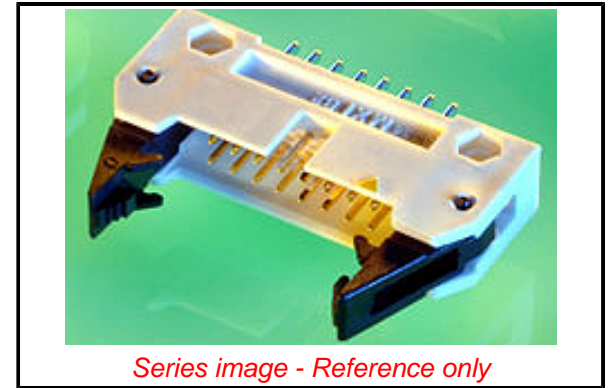
CSA LR19980  
 UL E29179

**General**

Product Family Ribbon Cable / Wire Trap Connectors  
 Series [90571](#)  
 Comments Eject Levers  
 Component Type PCB Header  
 Glow-Wire Capable No  
 Overview [QF-50™](#)  
 Product Name QF-50  
 UPC 800753663855

**Physical**

Circuits (Loaded) 20  
 Circuits (maximum) 20  
 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 3887.300/mg  
 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 Closed Ends  
 Stackable Yes  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -25° 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/61/2018 (27 June  
 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto: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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