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Part Number:

0905711201

Status:

Active

Overview:

QF-50™

Description:

2.54mm Pitch QF-50™ Header, Vertical, Dual Row, Shrouded, DIN Keying, with Latch/  
Eject Levers, 20 Circuits, 0.1 µm Gold (Au)

Documents:

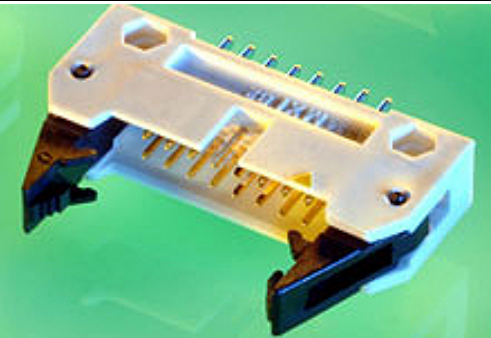
3D Model

Drawing (PDF)

RoHS Certificate of Compliance (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                  | 800753668959                        |

|                                |                |
|--------------------------------|----------------|
| 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                     | 8.610/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

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/01/2017 (12

January 2017)

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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