

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0906351143

Status:

Active

Overview:

QF-50™

Description:

1.27mm Pitch QF-50™, Single Beam, Vertical MIL/DIN Version, 0.38µm Gold (Au), 14 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-99020-0015-001 (PDF)

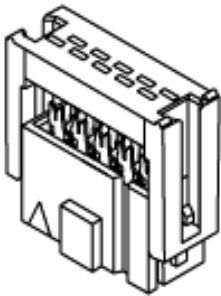
RoHS Certificate of Compliance (PDF)

|                      |                                     |
|----------------------|-------------------------------------|
| Agency Certification |                                     |
| CSA                  | LR19980                             |
| UL                   | E29179                              |
| General              |                                     |
| Product Family       | Ribbon Cable / Wire Trap Connectors |
| Series               | 90635                               |
| Comments             | Preloaded Upper Housing             |
| Component Type       | Housing                             |
| Glow-Wire Compliant  | No                                  |
| Overview             | QF-50™                              |
| Product Name         | QF-50™                              |
| UPC                  | 800753657557                        |

|                                |                 |
|--------------------------------|-----------------|
| Physical                       |                 |
| Circuits (Loaded)              | 14              |
| Color - Resin                  | Black           |
| Durability (mating cycles max) | 300             |
| Entry Angle                    | 90° Angle       |
| Flammability                   | 94V-0           |
| Lock to Mating Part            | None            |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Gold            |
| Material - Plating Termination | Tin             |
| Material - Resin               | Polyester       |
| Net Weight                     | 1.738/g         |
| Number of Rows                 | 2               |
| PCB Retention                  | None            |
| Packaging Type                 | Tray            |
| Pitch - Mating Interface       | 2.54mm          |
| Pitch - Termination Interface  | 1.27mm          |
| Plating min - Mating           | 0.381µm         |
| Plating min - Termination      | 0.991µm         |
| Polarized to Mating Part       | Yes             |
| Shrouded                       | Fully           |
| Stackable                      | No              |
| Surface Mount Compatible (SMC) | N/A             |
| Temperature Range - Operating  | -25°C to +85°C  |
| Termination Interface: Style   | IDT or Pierce   |
| Wire Insulation Diameter       | 1.14mm max.     |
| Wire Size AWG                  | 26, 28          |
| Wire/Cable Type                | Ribbon Cable    |

|                               |            |
|-------------------------------|------------|
| Electrical                    |            |
| Current - Maximum per Contact | 1.0A       |
| Voltage - Maximum             | 250V AC/DC |

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

90635 Series

Mates With

90663

Use With

90170

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-99020-0015-001  
SDA-90635

This document was generated on 02/22/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**