

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0906351162

Status:

Active

Overview:

QF-50™

Description:

1.27mm Pitch QF-50 Single Beam, Vertical MIL/DIN Version, 0.76µm Gold (Au), 16 Circuits

Documents:

3D Model

Drawing (PDF)

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

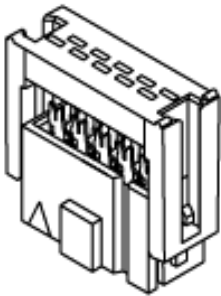
Packaging Specification PK-90635-001-001 (PDF)

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, Preloaded Upper Housing |
| Component Type       |  | Housing                                          |
| Glow-Wire Capable    |  | No                                               |
| Overview             |  | QF-50™                                           |
| Product Name         |  | QF-50                                            |
| UPC                  |  | 800753657465                                     |

| Physical                       |                 |
|--------------------------------|-----------------|
| Circuits (Loaded)              | 16              |
| Circuits (maximum)             | 16              |
| 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                     | 1.941/g         |
| Number of Rows                 | 2               |
| PCB Retention                  | None            |
| Packaging Type                 | Tray            |
| Pitch - Mating Interface       | 2.54mm          |
| Pitch - Termination Interface  | 1.27mm          |
| Plating min - Mating           | 0.762µm         |
| Plating min - Termination      | 0.991µm         |
| Polarized to Mating Part       | Yes             |
| Shrouded                       | Fully           |
| Stackable                      | No              |
| Surface Mount Compatible (SMC) | N/A             |
| Temperature Range - Operating  | -25° 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 |



Series image - Reference only

|                                                                                                                                                                                                  |                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <div><div>EU ELV</div><div>Not Relevant</div></div>                                                                                                                                              |                                             |
| <div><div>EU RoHS</div><div>Compliant</div><div>REACH SVHC</div><div>Not Contained Per - ED/71/2019 (16 July 2019)</div><div>Halogen-Free</div><div>Status</div><div>Not Low-Halogen</div></div> | <div><div>China RoHS</div><div></div></div> |
| For more information, please visit <a href="#">Contact US</a>                                                                                                                                    |                                             |
| China ROHS                                                                                                                                                                                       | Green Image                                 |
| ELV                                                                                                                                                                                              | Not Relevant                                |
| RoHS Phthalates                                                                                                                                                                                  | Not Contained                               |

Search Parts in this Series

90635 Series

Mates With

90663

Use With

90170

| Application Tooling   <a href="#">FAQ</a>                                                                                                                                       |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document. |           |
| Global                                                                                                                                                                          |           |
| Description                                                                                                                                                                     | Product # |
| Changehead for Parallel Action Handtool                                                                                                                                         | 690080250 |
| Arbor Press Fixture                                                                                                                                                             | 690200680 |
| Semi-Automatic Bench Press                                                                                                                                                      | 691271150 |
| PB15 C/W Cable                                                                                                                                                                  |           |

|                                    |                   |                             |
|------------------------------------|-------------------|-----------------------------|
| Voltage - Maximum                  | 250V AC/DC        | Sensor for 90635 Connectors |
| <b>Material Info</b>               |                   |                             |
| <b>Reference - Drawing Numbers</b> |                   |                             |
| Packaging Specification            | PK-90635-001-001  |                             |
| Product Specification              | PS-99020-0015-001 |                             |
| Sales Drawing                      | SDA-90635-001     |                             |

This document was generated on 09/16/2019

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[90635-1162](#)