

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0906350501](#)  
**Status:** **Active**  
**Overview:** QF-50™  
**Description:** 1.27mm Pitch QF-50 Single Beam, Female Housing, Gold (Au) Flash, 50 Circuits

**Documents:**

[3D Model](#) [Packaging Specification PK-90635-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-99020-0015-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Ribbon Cable / Wire Trap Connectors  
 Series [90635](#)  
 Component Type Housing  
 Glow-Wire Capable No  
 Overview [QF-50™](#)  
 Product Name QF-50  
 UPC 800753658257

**Physical**

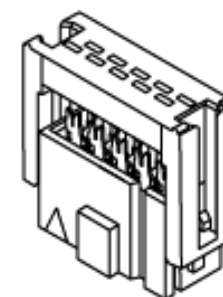
Circuits (Loaded) 50  
 Circuits (maximum) 50  
 Color - Resin Black  
 Entry Angle 90° Angle  
 Flammability 94V-0  
 Lock to Mating Part None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 5.352/g  
 Number of Rows 2  
 PCB Retention None  
 Packaging Type Tube  
 Pitch - Mating Interface 2.54mm  
 Pitch - Termination Interface 1.27mm  
 Plating min - Mating 0.102µm  
 Plating min - Termination 0.991µm  
 Polarized to Mating Part No  
 Shrouded Fully  
 Stackable No  
 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  
 Voltage - Maximum 250V AC/DC

**Material Info**

**Reference - Drawing Numbers**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/71/2019 (16 July  
 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[90635 Series](#)

**Mates With**

[90663](#)

**Use With**

[90170](#)

**Application Tooling | [FAQ](#)**

*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 #**

IDT Manual Handtool636000478

Packaging Specification  
Product Specification  
Sales Drawing

PK-90635-001-001  
PS-99020-0015-001  
SDA-90635-001

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