

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

**Part Number:** **0906351403**  
**Status:** **Active**  
**Overview:** QF-50™  
**Description:** 1.27mm Pitch QF-50™, Single Beam, Vertical MIL/DIN Version, 0.38µm Gold (Au), 40 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-99020-0015-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [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 800753656017

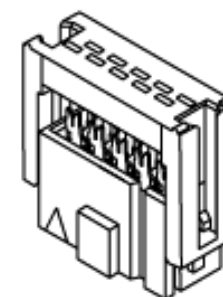
**Physical**

Circuits (Loaded) 40  
 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 4.390/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**

**REACH SVHC**

Not Contained Per -  
 ED/21/2016 (20 June  
 2016)

**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

ELV

RoHS Phthalates

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 #**

Changehead for Parallel Action Handtool [690080250](#)  
[690080949](#)

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-99020-0015-001

SDA-90635

Arbor Press Fixture 0690200680

Semi-Automatic 0691271150

Bench Press

PB15 C/W Cable

Sensor for 90635

Connectors

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