

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

**Part Number:** [0906350301](#)  
**Status:** **Active**  
**Overview:** [qf50](#)  
**Description:** 1.27mm (.050") Pitch QF-50™, Single Beam, Female Housing, Gold (Au) Flash, 30 Circuits

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Ribbon Cable / Wire Trap Connectors  
 Series [90635](#)  
 Component Type Housing  
 Glow-Wire Compliant No  
 Overview [qf50](#)  
 Product Name QF-50™

**Physical**

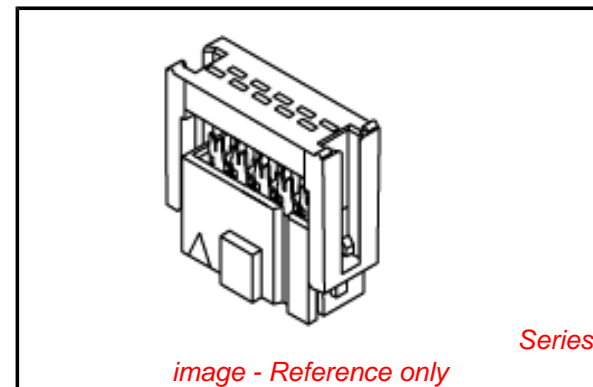
Circuits (Loaded) 30  
 Color - Resin Black  
 Entry Angle 90° Angle  
 Flammability 94V-0  
 Lock to Mating Part None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Number of Rows 2  
 PCB Retention None  
 Packaging Type Tube  
 Pitch - Mating Interface (in) 0.050 In  
 Pitch - Mating Interface (mm) 1.27 mm  
 Plating min: Mating (µin) 1  
 Plating min: Mating (µm) 0.02  
 Plating min: Termination (µin) 39  
 Plating min: Termination (µm) 1  
 Polarized to Mating Part No  
 Shrouded Fully  
 Stackable No  
 Temperature Range - Operating -25°C to +85°C  
 Termination Interface: Style IDT or Pierce  
 Wire Insulation Diameter 1.14mm (.045") max.  
 Wire Size AWG 26, 28  
 Wire/Cable Type Ribbon Cable

**Electrical**

Current - Maximum per Contact 1A  
 Voltage - Maximum 250V AC/DC

**Material Info**

**Reference - Drawing Numbers**



**EU RoHS** **China RoHS**

**Compliance Status**

**Not Reviewed**

**REACH SVHC**

**Not Reviewed**

**Halogen-Free**

**Status**

**Not Reviewed**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[90635Series](#)

**Mates With**

[90663](#)

**Use With**

[90170](#)

Packaging Specification  
Product Specification  
Sales Drawing

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

This document was generated on 05/31/2010

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

