

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

**Part Number:** [0906631143](#)  
**Status:** **Active**  
**Overview:** QF-50™  
**Description:** 2.54mm Pitch QF-50 Vertical, MIL Keying with Latch/Eject Levers, Shrouded Header, 14 Circuits  
**Replacement Part Number:** <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=090663114290663-1142> (drop-in)

**Documents:**

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

**Agency Certification**

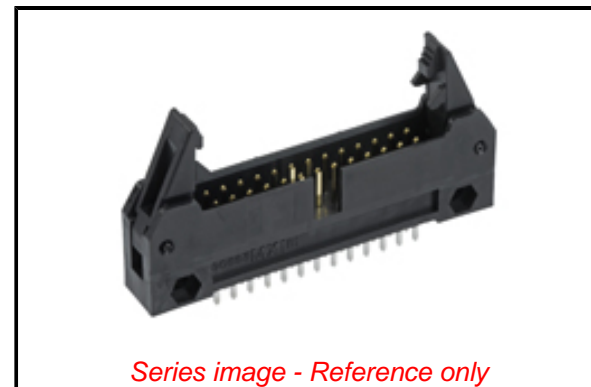
CSA LR19980  
 UL E29179

**General**

Product Family Ribbon Cable / Wire Trap Connectors  
 Series [90663](#)  
 Comments Eject Levers  
 Component Type PCB Header  
 Glow-Wire Capable No  
 Overview [QF-50™](#)  
 Product Name QF-50  
 Replacement Part Number [90663-1142](#) (drop-in)  
 UPC 800753925137

**Physical**

Circuits (Loaded) 14  
 Color - Resin Black  
 Durability (mating cycles max) 300  
 Entry Angle Vertical  
 Flammability 94V-0  
 Lock to Mating Part None  
 Material - Metal Brass  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 7.655/g  
 Number of Rows 2  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.54mm  
 Pitch - Termination Interface 2.54mm  
 Plating min - Mating 0.254µm  
 Plating min - Termination 3.000µm  
 Polarized to PCB No  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -25° to +85°C  
 Termination Interface: Style Through Hole  
 Wire Insulation Diameter N/A  
 Wire Size AWG N/A  
 Wire/Cable Type Ribbon Cable



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2018 (15  
 January 2018)

**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**

[90663](#) Series

**Mates With**

[90635](#)

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

2.5A  
250V AC/DC

**Solder Process Data**

Lead-free Process Capability

WAVE

**Material Info****Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-99020-0015-001  
SDA-90663E

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