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**Part Number:** [90663-3161](#)  
**Status:** **Active**  
**Overview:** [QF-50™](#)  
**Description:** 2.54mm Pitch QF-50™ Right Angle, MIL Keying with Latch/Eject Levers, Shrouded Header, 16 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 [90663](#)  
 Comments MIL/DIN Compliance  
 Component Type PCB Header  
 Glow-Wire Compliant No  
 Overview [QF-50™](#)  
 Product Name [QF-50™](#)  
 UPC 800753663329

**Physical**

Circuits (Loaded) 16  
 Color - Resin Black  
 Durability (mating cycles max) 300  
 Entry Angle 90° Angle  
 Flammability 94V-0  
 Lock to Mating Part None  
 Material - Metal Brass  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 8.026/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 0.102µm  
 Plating min - Termination 3.000µm  
 Polarized to PCB No  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -25°C to +85°C  
 Termination Interface: Style Through Hole  
 Wire Insulation Diameter N/A  
 Wire Size AWG N/A  
 Wire/Cable Type Ribbon Cable

**Electrical**

Current - Maximum per Contact 2.5A



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



**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**

[90663Series](#)

**Mates With**

[90635](#)

Voltage - Maximum

250V AC/DC

**Solder Process Data**

Lead-free Process Capability

Wave Capable (TH only)

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-99020-0015

Sales Drawing

SDA-90663E

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