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Part Number: [90571-1161](#)
Status: **Active**
Overview: [QF-50™](#)
Description: 2.54mm Pitch QF-50™ Header, Vertical, Dual Row, Shrouded, DIN Keying, with Latch/
Eject Levers, 16 Circuits, 0.1 µm Gold (Au)

Documents:
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Ribbon Cable / Wire Trap Connectors
Series [90571](#)
Comments Eject Levers
Component Type PCB Header
Glow-Wire Compliant No
Overview [QF-50™](#)
Product Name QF-50™
UPC 800753669376

Physical

Circuits (Loaded) 16
Circuits (maximum) 16
Color - Resin Black
Durability (mating cycles max) 50
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 7.950/g
Number of Rows 2
PCB Locator No
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 3.048µm
Polarized to Mating Part Yes
Polarized to PCB No
Shrouded Yes
Stackable Yes
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



image - Reference only

Series

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
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
[90571Series](#)

Mates With
[90635 QF-50™ Female Housing](#)

Electrical

Current - Maximum per Contact	1A
Voltage - Maximum	250V

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)
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Material Info

Reference - Drawing Numbers

Sales Drawing	SDA-90571
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