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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
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=090635140290635-1402> (drop-in)

Documents:

[3D Model](#) [Packaging Specification PK-90635-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-99020-0015-001 \(PDF\)](#)

Agency Certification

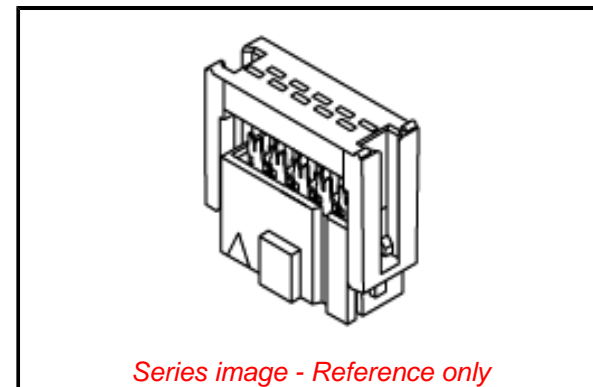
CSA LR19980
 UL E29179

General

Product Family Ribbon Cable / Wire Trap Connectors
 Series [90635](#)
 Comments Preloaded Upper Housing
 Component Type Housing
 Glow-Wire Capable No
 Overview [QF-50™](#)
 Product Name QF-50
 Replacement Part Number [90635-1402](#) (drop-in)
 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 5.556/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° 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



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
 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

[90635](#) Series

Mates With

[90663](#)

Use With

[90170](#)

Electrical

Current - Maximum per Contact

1.0A

Voltage - Maximum

250V AC/DC

Material Info**Reference - Drawing Numbers**

Packaging Specification

PK-90635-001-001

Product Specification

PS-99020-0015-001

Sales Drawing

SDA-90635

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[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)
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