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Part Number: **0906351103**
Status: **Active**
Overview: QF-50™
Description: 1.27mm Pitch QF-50™, Single Beam, Vertical MIL/DIN Version, 0.38µm Gold (Au), 10 Circuits

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 [90635](#)
 Comments Preloaded Upper Housing
 Component Type Housing
 Glow-Wire Compliant No
 Overview [QF-50™](#)
 Product Name QF-50™
 UPC 800753657823

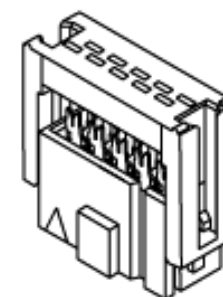
Physical

Circuits (Loaded) 10
 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 1.303/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°C 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

Electrical

Current - Maximum per Contact 1.0A
 Voltage - Maximum 250V AC/DC

Solder Process Data



Series image - Reference only

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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[90635 Series](#)

Mates With

[90663](#)

Use With

[90170](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

Changehead for Parallel Action Handtool [690080250](#)
[690080949](#)

Lead-free Process Capability

N/A

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-99020-0015-001

SDA-90635

Arbor Press Fixture 0690200680

Semi-Automatic 0691271150

Bench Press

PB15 C/W Cable

Sensor for 90635

Connectors

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