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Part Number: [90635-1203](#)
Status: **Active**
Overview: [QF-50™](#)
Description: 1.27mm Pitch QF-50™, Single Beam, Vertical MIL/DIN Version, 0.38µm Gold (Au), 20 Circuits

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

Agency Certification

CSA LR19980
UL E29179

General

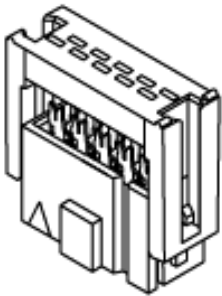
Product Family Ribbon Cable / Wire Trap Connectors
Series [90635](#)
Comments Preloaded Upper Housing
Component Type Housing
Glow-Wire Compliant No
Overview [QF-50™](#)
Product Name QF-50™
UPC 800753657236

Physical

Circuits (Loaded) 20
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 2.336/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 1A
Voltage - Maximum 250V AC/DC



Series

image - Reference only

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
[90635Series](#)

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	690080949
Arbor Press Fixture	0690200680
Semi-Automatic Bench Press	0691271150
PB15 C/W Cable	

Material Info

Sensor for 90635
Connectors

Reference - Drawing Numbers

Product Specification	PS-99020-0015
Sales Drawing	SDA-90635

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