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Part Number: 90635-1142
Status: Active
Overview: QF-50™
Description: 1.27mm Pitch QF-50™, Single Beam, Vertical MIL/DIN Version, 0.76µm Gold (Au), 14 Circuits

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

Agency Certification

CSA LR19980
UL E29179

General

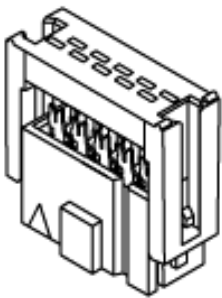
Product Family Ribbon Cable / Wire Trap Connectors
Series 90635
Comments Preloaded Upper Housing
Component Type Housing
Glow-Wire Compliant No
Overview QF-50™
Product Name QF-50™
UPC 800753657700

Physical

Circuits (Loaded) 14
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 1.738/g
Number of Rows 2
PCB Retention None
Packaging Type Tray
Pitch - Mating Interface 2.54mm
Pitch - Termination Interface 1.27mm
Plating min - Mating 0.762µm
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 Reviewed

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	0690080250
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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