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Part Number:

90635-1643

Status:

Active

Overview:

QF-50™

Description:

1.27mm Pitch QF-50™, Single Beam, Vertical MIL/DIN Version, 0.38µm Gold (Au), 64 Circuits

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

Agency Certification

CSA	LR19980
UL	E29179

General

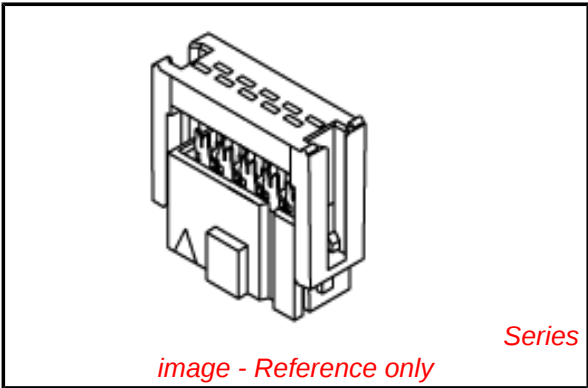
Product Family	Ribbon Cable / Wire Trap Connectors
Series	90635
Comments	Preloaded Upper Housing
Component Type	Housing
Glow-Wire Compliant	No
Overview	QF-50™
Product Name	QF-50™
UPC	800753655355

Physical

Circuits (Loaded)	64
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	6.756/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



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	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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