

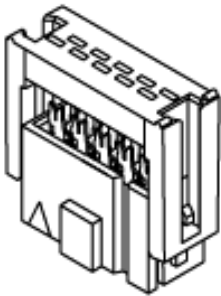
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Part Number: [0906351163](#)
Status: **Active**
Overview: [QF-50™](#)
Description: 1.27mm Pitch QF-50 Single Beam, Vertical MIL/DIN Version, 0.38µm Gold (Au), 16 Circuits
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=090635116290635-1162> (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	90635-1162 (drop-in)
UPC	800753657526

Physical	
Circuits (Loaded)	16
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	1.909/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



Series image - Reference only

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per - ED/61/2018 (27 June 2018) 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 China ROHS ELV RoHS Phthalates
	Green Image Not Relevant 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

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-90635-001-001
Product Specification	PS-99020-0015-001
Sales Drawing	SDA-90635

This document was generated on 08/29/2018

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