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Part Number: [0905711101](#)
Status: **Active**
Overview: QF-50™
Description: 2.54mm Pitch QF-50 Header, Vertical, Dual Row, Shrouded, DIN Keying, with Latch/
Eject Levers, 10 Circuits, 0.1 µm Gold (Au)
Replacement Part Number: [http://www.molex.com/molex/products/listview.jsp?](http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=090663110190663-1101)
[channel=Products&sType=p&query=090663110190663-1101](http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=090663110190663-1101) (drop-in)

Documents:
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Ribbon Cable / Wire Trap Connectors
Series	90571
Comments	Eject Levers
Component Type	PCB Header
Glow-Wire Capable	No
Overview	QF-50™
Product Name	QF-50
Replacement Part Number	90663-1101 (drop-in)
UPC	800753670815

Physical	
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	50
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	6.960/g
Number of Rows	2
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.102µm
Plating min - Termination	3.048µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Yes
Stackable	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-25° to +85°C
Termination Interface: Style	Through Hole
Wire Insulation Diameter	N/A



Series image - Reference only

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per -ED/01/2018 (15 January 2018) Halogen-Free Status Not Low-Halogen Need more information on product environmental compliance?	China RoHS
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Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[90571](#) Series

Mates With
[90635](#) QF-50 Female Housing

Wire Size AWG	N/A
Wire/Cable Type	Ribbon Cable
Electrical	
Current - Maximum per Contact	1.0A
Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	WAVE
Material Info	
Reference - Drawing Numbers	
Sales Drawing	SDA-90571

This document was generated on 08/28/2018

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