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Part Number: **0039521505**
Status: **Obsolete**
Description: 2.54mm (.100") Pitch QF 50™ Receptacle, Vertical, Dual Row, Preloaded Upper Housing, 50 Circuits

Documents:
[Drawing \(PDF\)](#)

Agency Certification

CSA	LR19980
TUV	R9551091
UL	E29179

General

Product Family	Ribbon Cable / Wire Trap Connectors
Series	<u>5320</u>
Comments	Preloaded Upper Housing
Component Type	Housing
Glow-Wire Compliant	No
Product Name	QF-50™

Physical

Circuits (Loaded)	50
Color - Resin	Black
Durability (mating cycles max)	500
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	2
PCB Locator	No
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface	1.27mm (.050")
Pitch - Termination Interface	2.54mm (.100")
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Wire Insulation Diameter	1.14mm (.045") max.
Wire Size AWG	26, 28
Wire/Cable Type	Ribbon Cable

Electrical

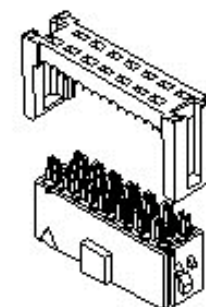
Current - Maximum per Contact	1A
Voltage - Maximum	500V AC

Material Info

Old Part Number	5320-50BT2
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Reference - Drawing Numbers

Product Specification	PS-5320-005, PS-5320-006
Sales Drawing	SD-5320-003, SD-5320-NB*



Series

image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No
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

5320Series

Mates With

5330 , 5340 , 5332 , 5342 , 5576 , 5578

Use With

5328 Strain Relief, 90170 Low Profile Strain Relief

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 69008-0949, for QF-50™ and MX-50™ Connectors	<u>0690080250</u>

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