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Part Number: **0039521105**
Status: **Active**
Description: 2.54mm (.100") Pitch QF 50™ Receptacle, Vertical, Dual Row, Preloaded Upper Housing, 10 Circuits

Documents:

[3D Model](#) [Product Specification PS-5320-006 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-5320-005 \(PDF\)](#)

General

Product Family Ribbon Cable / Wire Trap Connectors
Series [5320](#)
Comments Preloaded Upper Housing
Component Type Housing
Glow-Wire Compliant No
Product Name QF-50™

Physical

Circuits (Loaded) 10
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 (in) 0.050 In
Pitch - Mating Interface (mm) 1.27 mm
Pitch - Term. Interface (in) 0.100 In
Pitch - Term. Interface (mm) 2.54 mm
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
Wire Size AWG 28
Wire/Cable Type Ribbon Cable

Electrical

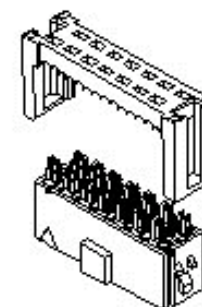
CSA LR19980
Current - Maximum 1A
TUV R9551091
UL E29179
Voltage - Maximum 500V AC

Material Info

Old Part Number 5320-10BT2

Reference - Drawing Numbers

Product Specification PS-5320-005
Product Specification PS-5320-006
Sales Drawing SD-5320-003



Series image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Halogen-Free

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[5320 Series](#)

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 Arbor Press Fixture	0690080250 0690200680

This document was generated on 11/17/2009

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