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Part Number: [5039085100](#)
Status: **Active**
Overview: LVDS FFC Connectors
Description: 0.50mm Pitch FFC One-Touch Connector for LVDS, Non-ZIF, with Side Locks, Bottom Contact Style, 3.75mm Height, Right Angle, Surface Mount, 51 Circuits

Documents:

[Drawing \(PDF\)](#) [Packaging Specification SPK-503908-001 \(PDF\)](#)
[Product Specification PS-503908-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family FFC/FPC Connectors
 Series [503908](#)
 Overview [LVDS FFC Connectors](#)
 Product Name One-Touch
 UPC 887191532882

Physical

Circuits (Loaded) 51
 Circuits (maximum) 51
 Color - Resin Black
 Contact Position Bottom
 Durability (mating cycles max) 20
 Entry Angle 90° Angle
 Mated Height 3.75mm
 Material - Metal Copper Alloy
 Material - Plating Mating Gold over Nickel
 Material - Plating Termination Gold over Nickel
 Material - Resin Liquid Crystal Polymer
 Net Weight 970.702/mg
 Number of Rows 1
 Orientation Right Angle
 PCB Retention Yes
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface 0.50mm
 Plating min - Mating 0.102µm
 Plating min - Termination 0.051µm
 Polarized to PCB Yes
 Stackable No
 Temperature Range - Operating -20°C to +85°C
 Termination Interface: Style Surface Mount
 Wire/Cable Type FFC only

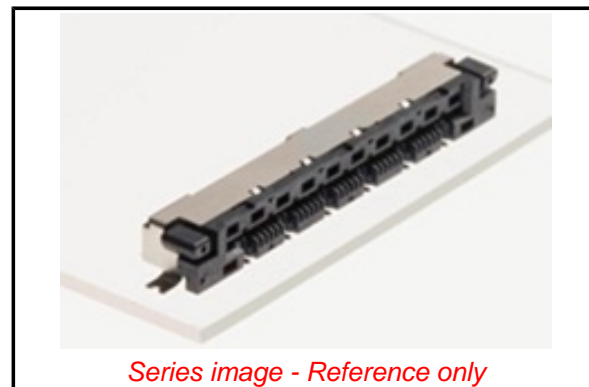
Electrical

Current - Maximum per Contact 0.5A
 Voltage - Maximum 50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification SPK-503908-001
 Product Specification PS-503908-001, RPS-503908-001
 Sales Drawing SD-503908-001, SD-503908-002



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(17, December 2014): No

Halogen-Free

Status

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

ELV

China RoHS

Green Image

Not Relevant

Search Parts in this Series

[503908](#) Series