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Part Number: [54550-1494](#)
Status: **Active**
Description: 0.50mm Pitch FFC/FPC Connector, 1.20mm Height, Right Angle, SMT, ZIF, Top Contact Style, 14 Circuits, Lead-Free

Documents:

[3D Model](#) [Packaging Specification SPK-54550-056 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-54550-011 \(PDF\)](#)

General

Product Family FFC/FPC Connectors
 Series [54550](#)
 MolexKits Yes
 Product Name N/A

Physical

Circuits (Loaded) 14
 Color - Resin Natural
 Contact Position Top
 Durability (mating cycles max) 20
 Entry Angle 90° Angle
 Mated Height 1.20mm
 Material - Metal Phosphor Bronze
 Material - Plating Mating Tin-Bismuth
 Material - Plating Termination Tin-Bismuth
 Material - Resin High Temperature Thermoplastic
 Number of Rows 1
 Orientation Right Angle
 PCB Locator No
 PCB Retention None
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface 0.50mm
 Plating min - Mating 1.016µm
 Plating min - Termination 1.016µm
 Polarized to PCB Yes
 Stackable No
 Surface Mount Compatible (SMC) N/A
 Temperature Range - Operating -20°C to +85°C
 Termination Interface: Style Surface Mount
 Wire/Cable Type FFC/FPC

Electrical

Current - Maximum per Contact 0.5A
 Voltage - Maximum 50V

Material Info

Reference - Drawing Numbers

Packaging Specification SPK-54550-056
 Product Specification PS-54550-011, RPS-54548-079, RPS-54550-075,
 RPS-54550-079, RPS-54550-081, RPS-54550-082,
 RPS-54550-084
 Sales Drawing SD-54550-019, SD-54550-020

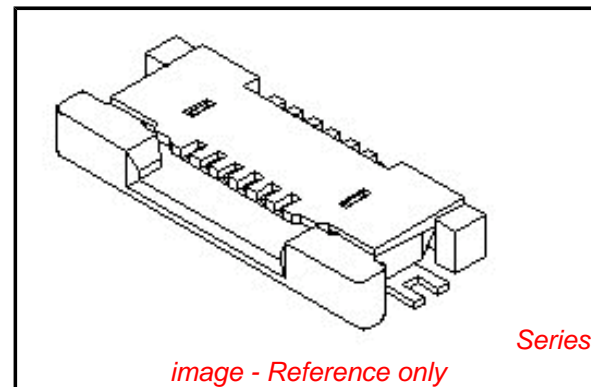


image - Reference only

EU RoHS

**ELV and RoHS
 Compliant**
**REACH SVHC
 Contains SVHC: No
 Low-Halogen Status
 Not Low-Halogen**

China RoHS



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 environmental compliance?**

Email productcompliance@molex.com
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 Compliance, [click here](#)

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 non-product compliance questions.

Search Parts in this Series

54550Series

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