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**Part Number:** [54550-1694](#)  
**Status:** **Active**  
**Description:** 0.50mm Pitch FFC/FPC Connector, 1.20mm Height, Right Angle, SMT, ZIF, Top Contact Style, 16 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](#)  
 Product Name N/A

**Physical**

Circuits (Loaded) 16  
 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**

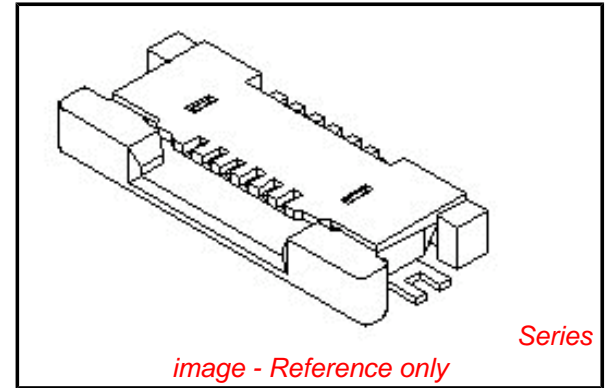
Current - Maximum per Contact 0.5A  
 Voltage - Maximum 50V

**Material Info**

UPC 822348109968

**Reference - Drawing Numbers**

Packaging Specification SPK-54550-056  
 Product Specification PS-54550-011, RPS-54548-079, RPS-54550-075, RPS-54550-077, 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**

Not Reviewed

**Low-Halogen Status**

**Not Reviewed**

**China RoHS**



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**Search Parts in this Series**

54550Series

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