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Part Number: [52806-1610](#)
Status: **Active**
Description: 1.00mm Pitch FFC/FPC Connector, Vertical, Surface Mount Compatible, Non-ZIF, Kinked PC Tails, 16 Circuits

Documents:

[3D Model](#) [Product Specification PS-52806-003 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family FFC/FPC Connectors
 Series [52806](#)
 Product Name N/A
 UPC 800753632493

Physical

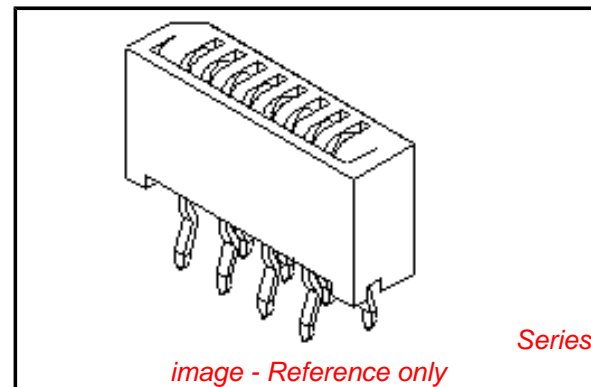
Circuits (Loaded) 16
 Circuits (maximum) 16
 Color - Resin Natural
 Contact Position N/A
 Durability (mating cycles max) 10
 Entry Angle Vertical
 Flammability 94V-0
 Mated Height 5.40mm
 Material - Metal Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 448.701/mg
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 3.20mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 1.00mm
 Pitch - Termination Interface 1.00mm
 Plating min - Mating 0.914µm
 Plating min - Termination 0.914µm
 Polarized to PCB No
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -20°C to +80°C
 Termination Interface: Style Through Hole - Kinked Pin
 Wire/Cable Type FFC/FPC

Electrical

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

Material Info

Reference - Drawing Numbers



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

[52806Series](#)

Product Specification

Sales Drawing

PS-52806-003, RPS-52806-002, RPS-52806-008,
RPS-52806-009, RPS-52806-010, RPS-52806-012,
RPS-52806-013, RPS-52806-014, RPS-52806-016
SD-52806-**10

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