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Part Number: [51441-2493](#)
Status: **Active**
Description: 0.50mm Pitch Easy-On™ Type FFC/FPC Connector, Right Angle, SMT, ZIF, Bottom Contact Style, 1.10mm Mated Height, 24 Circuits, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-51441-005 \(PDF\)](#)
[Application Specification AS-51441-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family FFC/FPC Connectors
Series [51441](#)
Product Name Easy-On™
UPC 822348116188

Physical

Circuits (Loaded) 24
Circuits (maximum) 24
Color - Resin Black, Natural
Contact Position Bottom
Durability (mating cycles max) 20
Entry Angle 90° Angle
Mated Height 1.10mm
Material - Metal Phosphor Bronze
Material - Plating Mating Tin-Bismuth
Material - Plating Termination Tin-Bismuth
Material - Resin High Temperature Thermoplastic
Net Weight 82.001/mg
Number of Rows 1
Orientation Right Angle
PCB Locator No
PCB Retention None
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 0.50mm
Pitch - Termination Interface 0.50mm
Plating min - Mating 1.016µm
Plating min - Termination 1.016µm
Polarized to PCB No
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -20°C to +85°C
Termination Interface: Style Surface Mount
Wire/Cable Type FFC/FPC

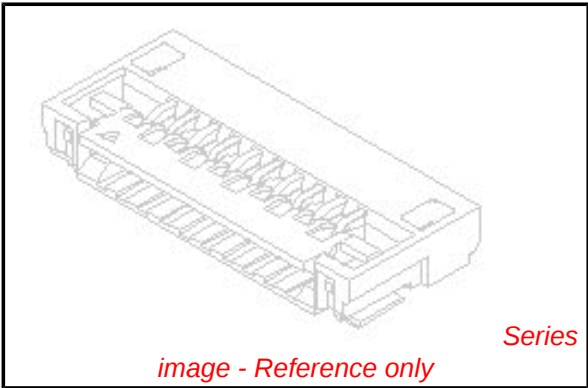
Electrical

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

Material Info

Reference - Drawing Numbers

Application Specification AS-51441-001
Product Specification PS-51441-005, RPS-51441-006, RPS-51441-008, RPS-51441-009, RPS-51441-011, RPS-51441-018, RPS-51441-023
Sales Drawing SD-51441-007, SD-51441-008



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



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.

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[51441Series](#)

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