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Part Number: [51441-0872](#)
Status: **Active**
Description: 0.50mm Pitch Easy-On™ Type FFC/FPC Connector, Right Angle, SMT, ZIF, Bottom Contact Style, 1.10mm Mated Height, 8 Circuits, Lead-Free, Gold Contact Plating

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-51441-006 \(PDF\)](#)
[Application Specification AS-51441-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family FFC/FPC Connectors
Series [51441](#)
Product Name Easy-On™
UPC 822348644148

Physical

Circuits (Loaded) 8
Circuits (maximum) 8
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 Gold
Material - Plating Termination Gold
Material - Resin High Temperature Thermoplastic
Net Weight 34.289/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 0.102µm
Plating min - Termination 0.051µm
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-51441-006, RPS-51441-021, RPS-51441-030
Sales Drawing SD-51441-012, SD-51441-013

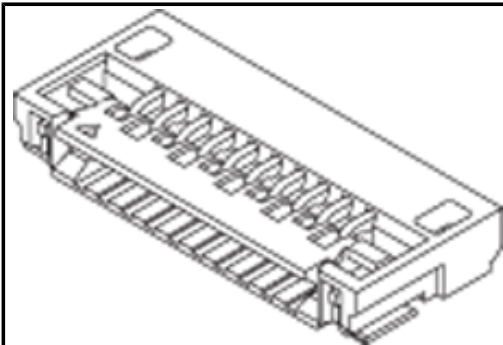


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Series

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
[51441Series](#)

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