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Part Number: [502598-4591](#)
Status: **Active**
Description: 0.30mm Pitch Easy-On™ BackFlip™ FPC Connector, Right Angle, SMT,Dual Contact Style, 1.15mm Mated Height, 45 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-502598-001 \(PDF\)](#)
[Product Specification PS-502598-002 \(PDF\)](#)
[Application Specification AS-502598-001 \(PDF\)](#)
[Packaging Specification SPK-502598-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family FFC/FPC Connectors
Series [502598](#)
Product Name BackFlip™, Easy-On™

Physical

Circuits (Loaded) 45
Color - Resin Black, White
Contact Position Dual
Durability (mating cycles max) 10
Entry Angle 90° Angle
Mated Height 1.15mm
Material - Metal Copper Alloy, Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Gold, Tin
Number of Rows 1
Orientation Right Angle
PCB Locator No
PCB Retention Yes
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 0.30mm
Polarized to PCB Yes
Stackable No
Temperature Range - Operating -40°C to +85°C
Termination Interface: Style Surface Mount
Wire/Cable Type FPC only

Electrical

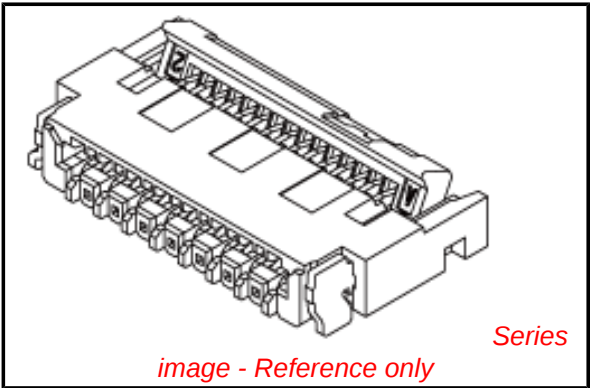
Current - Maximum per Contact 0.2A
Voltage - Maximum 50V AC (RMS)/DC

Material Info

Net Weight 108.887/mg
UPC 800756671703

Reference - Drawing Numbers

Application Specification AS-502598-001
Packaging Specification SPK-502598-001
Product Specification PS-502598-001, PS-502598-002, RPS-502598-001, RPS-502598-005, RPS-502598-009, RPS-502598-010
Sales Drawing SD-502598-001, SD-502598-002



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
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
[502598Series](#)