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Part Number:

501591-3011

Status:

Active

Overview:

SlimStack™ 0.40mm Pitch Board-to-Board Connectors

Description:

0.40mm Pitch SlimStack™ Board-to-Board Receptacle, SMT, Dual Row, Vertical Stacking, 0.90mm Stacking Height, with Solder Tabs, 30 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-501591-002 (PDF)

Product Specification PS-501591-003 (PDF)

Packaging Specification SPK-501591-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Receptacles

501591

Board-to-Board, Signal

SlimStack™ 0.40mm Pitch Board-to-Board Connectors

SlimStack™

822350792004

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

Lock to Mating Part

Mated Height

Material - Metal

Material - Plating Mating

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Polarized to Mating Part

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

30

30

Black

20

94V-0

No

Yes

0.90mm

Phosphor Bronze

Gold

33.841/mg

2

Vertical

No

Yes

Embossed Tape on Reel

0.40mm

No

No

No

Yes

-25°C to +85°C

Surface Mount

Electrical

Current - Maximum per Contact

Voltage - Maximum

0.3A

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

SPK-501591-001

PS-501591-002, PS-501591-003, RPS-501591-007, RPS-501591-010, RPS-501591-011, RPS-501591-012,

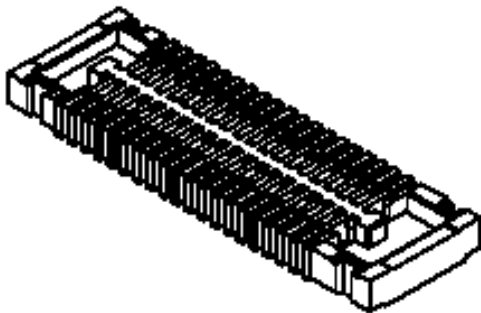


image - Reference only

Series

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

501591Series

Mates With

501594 PCB Header

Sales Drawing

RPS-501591-013, RPS-501591-014, RPS-501591-015,
RPS-501591-016, RPS-501591-017, RPS-501591-019,
RPS-501591-020
SD-501591-005, SD-501591-006

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