

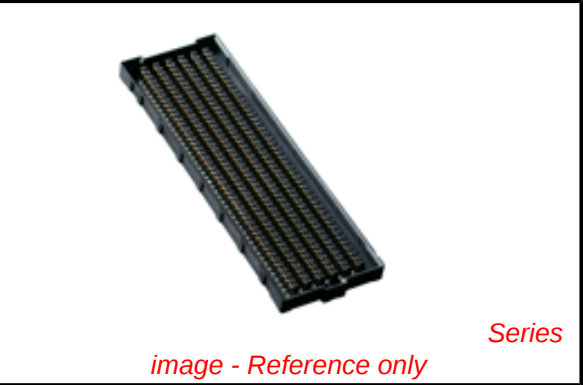
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Part Number: 503825-5281

Status: Active

Overview: Array-Beam™ High-Density Board-to-Board Connector System

Description: Array-Beam™ Receptacle, 528 Circuits, 4.00mm Mated Height, Surface Mount, 12 Rows, without Pegs



Documents:

[Drawing \(PDF\)](#) [Packaging Specification SPK-503825-001 \(PDF\)](#)

[Product Specification PS-503825-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

[Application Specification AS-503825-001 \(PDF\)](#)

General

Product Family PCB Receptacles

Series 503825

Application Board-to-Board

Overview Array-Beam™ High-Density Board-to-Board Connector System

Product Name Array-Beam™

UPC 887191055473

Physical

Circuits (Loaded) 528

Circuits (maximum) 528

Color - Resin Black

Durability (mating cycles max) 50

Glow-Wire Compliant No

Mated Height 4.00mm

Material - Metal Copper

Material - Plating Mating Gold

Net Weight 3324.560/mg

Number of Rows 12

Orientation Vertical

PCB Retention None

Packaging Type Embossed Tape on Reel

Pitch - Mating Interface 1.27mm

Pitch - Termination Interface 1.27mm

Polarized to PCB Yes

Temperature Range - Operating -55°C to +85°C

Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 2A

Voltage - Maximum 200V

Material Info

Reference - Drawing Numbers

Application Specification AS-503825-001

Packaging Specification SPK-503825-001

Product Specification PS-503825-001

Sales Drawing SD-503825-002, SD-503825-003

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.

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503825Series

Mates With

503821 Array-Beam™ Plug

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