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Part Number: [5000272441](#)
Status: **Active**
Overview: SlimStack™
Description: 0.40mm (.016") Pitch Board-to-Board SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 0.95mm (.037") Mated Height, with Friction Lock, Lead-free, 24 Circuits, Reel Size Diameter 330mm, Reel Quantity 2,000

Documents:

[3D Model](#) [Product Specification PS-500024-011 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	500027
Application	Board-to-Board
Comments	Solder Tab Plating: Lead-free, Tin
Overview	SlimStack™
Product Name	SlimStack™

Physical

Breakaway	No
Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Natural
Durability (mating cycles max)	10
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height (in)	0.037 In
Mated Height (mm)	0.95 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.019 In
PC Tail Length (mm)	0.47 mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.016 In
Pitch - Mating Interface (mm)	0.40 mm
Plating min: Mating (µin)	4
Plating min: Mating (µm)	0.1
Plating min: Termination (µin)	1.2
Plating min: Termination (µm)	0.03
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

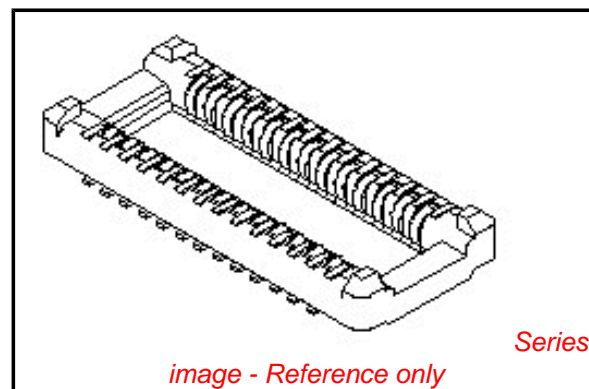


image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
Halogen-Free Status

China RoHS



Not Reviewed

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

[500027Series](#)

Mates With

[500024](#) SlimStack™ Board-to-Board Receptacle

Electrical

Current - Maximum

0.1A

Voltage - Maximum

50V

Material Info**Reference - Drawing Numbers**

Product Specification

PS-500024-011, RPS-500024-019, RPS-500024-025,
RPS-500024-030, RPS-500024-031, RPS-500024-032,
RPS-500024-034, RPS-500024-038, RPS-500024-039,
RPS-500024-040, RPS-500024-041
SD-500027-028, SD-500027-029

Sales Drawing

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