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Part Number: [5004631679](#)
Status: **Active**
Description: 0.40mm (.016") Pitch Board-to-Board SlimStack™ Receptacle, Surface Mount, Single Row, Vertical Stacking, 0.95mm (.037") Stacking Height, 16 Circuits, Lead-free

Documents:

[3D Model](#) [Product Specification PS-500463-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Receptacles
 Series [500463](#)
 Application Board-to-Board
 Comments Solder Tab Plating: Lead-Free, Tin
 Product Name SlimStack™

Physical

Circuits (Loaded) 16
 Color - Resin Black
 Durability (mating cycles max) 10
 Glow-Wire Compliant No
 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 1
 Orientation Vertical
 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) 4
 Plating min: Termination (µm) 0.1
 Polarized to PCB Yes
 Surface Mount Compatible (SMC) N/A
 Temperature Range - Operating -25°C to +85°C
 Termination Interface: Style Surface Mount

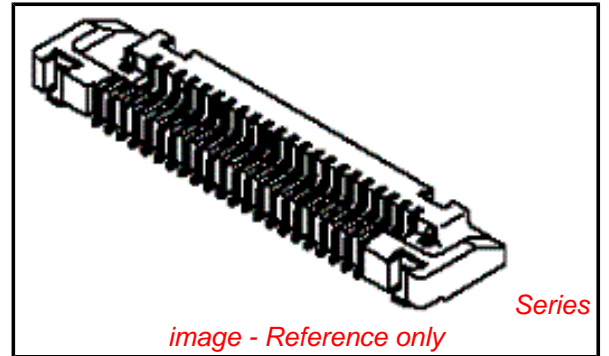
Electrical

Current - Maximum per Contact 0.1A
 Voltage - Maximum 50V

Material Info

Reference - Drawing Numbers

Product Specification PS-500463-002
 Sales Drawing SD-500463-009, SD-500463-010



EU RoHS

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

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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