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Part Number:

5004640168

Status:

Contact Molex

Overview:

slimstack_mm016_pitch

Description:

0.40mm (.016") Pitch Board-to-Board SlimStack™ Plug, Surface Mount, Single Row, Vertical Stacking, 0.95mm (.037") Stacking Height, Lead-free, 16 Circuits

Documents:

3D Model

Drawing (PDF)

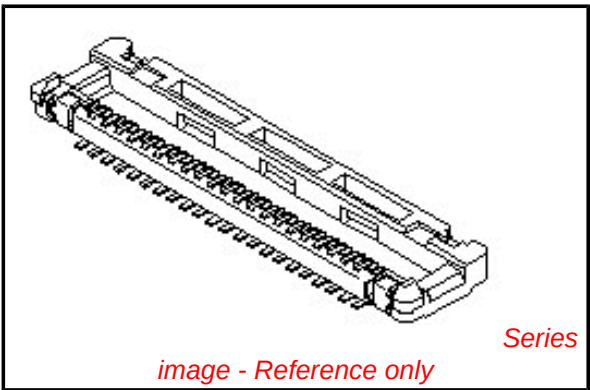
RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	500464
Application	Board-to-Board, Signal
Comments	Solder Tab Plating: Lead-free, Tin
Overview	slimstack_mm016_pitch
Product Name	SlimStack™
Physical	
Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	10
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	0.95mm (.037")
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
PC Tail Length	0.50mm (.020")
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm (.016")
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
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	RPS-500463-002
Sales Drawing	SD-500464-009, SD-500464-010



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen 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](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

500464Series

Mates With

500463 SlimStack™ Board-to-Board Receptacle

This document was generated on 02/24/2011

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