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Part Number:

5037764020

Status:

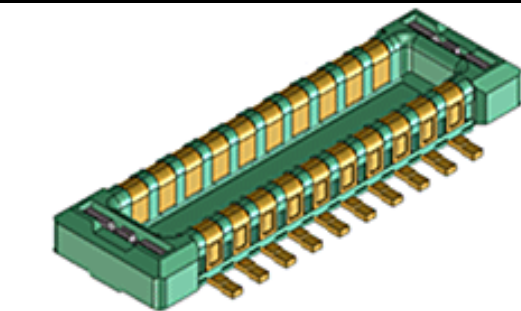
Active

Overview:

SlimStack Board-to-Board Connectors

Description:

SlimStack Board-to-Board Connector, 0.40mm Pitch, B8 Series, Plug, 0.80mm Mated Height, 2.50mm Mated Width, 40 Circuits



Series image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-503772-001-001 \(PDF\)](#)
- [Product Specification PS-503772-002-001 \(PDF\)](#)
- [Application Specification AS-503772-001-001 \(PDF\)](#)
- [Packaging Specification 5037769200-200 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)
- [Product Literature \(PDF\)](#)
- [Product Literature \(PDF\)](#)

General

Product Family	PCB Headers
Series	503776
3D Viewer	Yes
Application	Board-to-Board, Signal
CURRENT-MAX-NUMERIC	0.3
Datasheet Order No	987650-6531, 987650-6532_JA, 987650-6533_KO, 987650-6534_ZH, 987650-6536_DE, 987650-6537_ES
Overview	SlimStack Board-to-Board Connectors
PITCH-MATING-NUMERIC	0.40
Product Guide Order No	987651-8281
Product Literature Order No	987652-0196, Reference Guide#
Product Name	SlimStack
Series Name	B8
UPC	889056921817

Physical

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	0.80mm
Mated Width	2.50mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	17.206/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	50V AC/DC

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[503776](#) Series

Mates With

SlimStack B8 Receptacle [503772](#)

Material Info

Reference - Drawing Numbers

Application Specification	AS-503772-001-001
Packaging Specification	5037769200-200
Product Specification	PS-503772-001-001, PS-503772-002-001
Sales Drawing	5037760001-000, 5037761001-000

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