

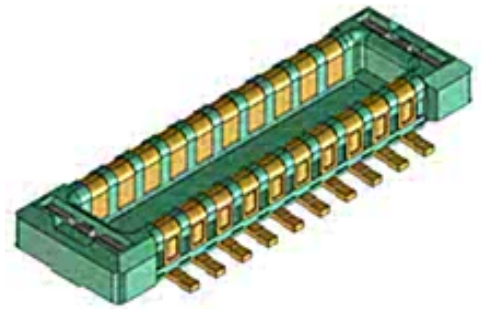
**Part Number :** [5037762010](#)

**Product Description :** SlimStack Board-to-Board Plug, 0.40mm Pitch, B8 Series, 0.80mm Mated Height, 2.50mm Mated Width, 20 Circuits

**Series Number :** 503776

**Status :** Obsolete

**Product Category :** Board-to-Board Connectors



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## Documents and Resources

### Specifications

[AS-503772-001-001.pdf](#)


[PS-503772-001-001.pdf](#)

[PS-503772-002-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

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### Part Details

#### General

Status	Obsolete
Category	Board-to-Board Connectors
Series	B8
Description	SlimStack Board-to-Board Plug, 0.40mm Pitch, B8 Series, 0.80mm Mated Height, 2.50mm Mated Width, 20 Circuits
Application	Board-to-Board
Component Type	Plug
Product Name	SlimStack
UPC	884982406919

#### Electrical

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

#### Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
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

Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	10.070/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Plating min - Mating	0.100µm
Plating min - Termination	0.050µm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount

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