

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1042500820](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: SlimStack Hybrid Power SMT Board-to-Board Plug, 0.80mm Pitch, 0.75mm Height, 4 Power, 4 Signal Contacts

Documents:

3D Model	RoHS Certificate of Compliance (PDF)
Drawing (PDF)	Product Literature (PDF)
Packaging Specification 1042500820-400 (PDF)	Product Literature (PDF)

General

Product Family	PCB Headers
Series	104250
3D Viewer	Yes
Application	Board-to-Board
CURRENT-MAX-NUMERIC	0.3, 4.5
Datasheet Order No	987651-2484, 987651-8794_ZH, 987651-8796_DE, 987651-8797_JA, 987651-8798_KO, 987651-8799_ES
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
PITCH-MATING-NUMERIC	0.80
Product Guide Order No	987651-8281
Product Literature Order No	987652-0196, Reference Guide#
Product Name	SlimStack
Series Name	Battery
UPC	889056377843

Physical

(p)ower-(s)ignal Configuration	4p - 4s
Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	10
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	0.75mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold over Nickel
Material - Resin	Liquid Crystal Polymer
Net Weight	0.007/g
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.80mm
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, 4.5A
Voltage - Maximum	50V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 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

[104250](#) Series

Mates With

[104249](#) 0.80mm Pitch SlimStack Board-to-Board Battery Receptacle

Material Info

Reference - Drawing Numbers

Packaging Specification	1042500820-400
Sales Drawing	SD-104250-001

This document was generated on 07/26/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION