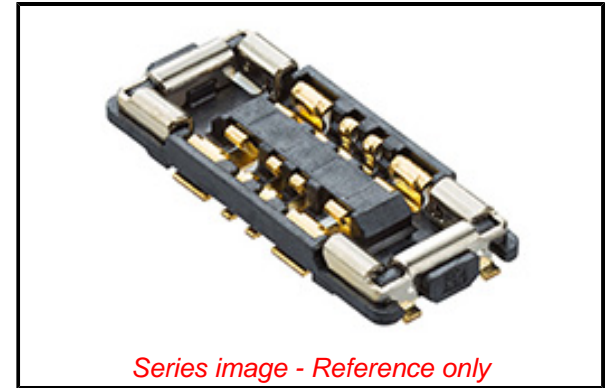


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5054730810](#)  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board Connectors  
**Description:** SlimStack Board-to-Board Connector, 0.40mm Pitch, Battery Series, Receptacle, 0.60mm Mated Height, 2.00mm Mated Width, 8 Circuits, 10.0A

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 5054739200-200 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 5054730000-000 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Application Specification 5054730000-A00 (PDF)</a>	<a href="#">Product Literature (PDF)</a>



**General**

Product Family	PCB Receptacles
Series	<a href="#">505473</a>
Application	Board-to-Board
Comments	* 10A of current per circuit is applicable if the circuit was constructed by two power pins via a PWB/FPC circuit, * 10A of current per circuit is applicable if the circuit was constructed by two power pins via a PWB/FPC circuit
Datasheet Order No	987651-2484, 987651-8794_ZH, 987651-8796_DE, 987651-8797_JA, 987651-8798_KO, 987651-8799_ES
Overview	<a href="#">SlimStack Board-to-Board Connectors</a>
Product Guide Order No	987651-8281
Product Literature Order No	987652-0196, Reference Guide#
Product Name	SlimStack
Series Name	Battery
UPC	889056268875

**Physical**

(p)ower-(s)ignal Configuration	4p - 4s
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	0.60mm
Mated Width	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold over Nickel
Material - Resin	Liquid Crystal Polymer
Net Weight	9.490/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	0.5A, 5.0A*
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**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**

[505473 Series](#)

**Mates With**

SlimStack Battery (10.0A) Plug [505476](#)

Voltage - Maximum

50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification

5054730000-A00

Packaging Specification

5054739200-200

Product Specification

5054730000-000

Sales Drawing

5054730000-000, 5054731000-000

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