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Part Number: [5050664810](#)
Status: **Active**
Overview: SlimStack™ 0.35mm pitch Board-to-Board Connectors
Description: 0.35mm Pitch SlimStack Armor™ Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical, 0.60mm Stacking Height, 2.00mm Width, 48 Circuits
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=5050664820505066-4820>

Documents:

3D Model	Application Specification AS-505066-001 (PDF)
Drawing (PDF)	Application Specification AS-505066-002 (PDF)
Product Specification PS-505066-001 (PDF)	Packaging Specification SPK-505066-001 (PDF)
Product Specification PS-505066-003 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Receptacles
Series	505066
Application	Board-to-Board
Overview	SlimStack™ 0.35mm pitch Board-to-Board Connectors
Product Name	SlimStack Armor™
Replacement Part Number	505066-4820
UPC	887191689401

Physical

Circuits (Loaded)	48
Circuits (maximum)	48
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Mated Height	0.60mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	27.892/mg
Number of Rows	2
Orientation	Vertical
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.35mm
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

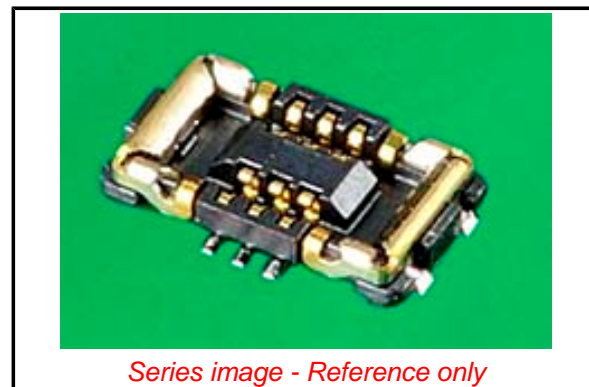
Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	50V

Material Info

Reference - Drawing Numbers

Application Specification	AS-505066-001, AS-505066-002
Packaging Specification	SPK-505066-001
Product Specification	PS-505066-001, PS-505066-003, RPS-505066-003
Sales Drawing	SD-505066-001, SD-505066-002



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[505066 Series](#)

Mates With

[505070](#) 0.35mm Pitch SlimStack Armor™ Board-to-Board Plug Connector

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