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**Part Number:** **0525882075**  
**Status:** **Active**  
**Overview:** SlimStack™ 0.35mm pitch Board-to-Board Connectors  
**Description:** SlimStack Board-to-Board Connector, 0.80mm Pitch, Floating Series, Floating Type Receptacle, 5.50 to 8.00mm Mated Height, 20 Circuits, Without Boss

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification SPK-52588-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Guide (PDF)</a>
<a href="#">Product Specification PS-52588-031-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-52588-032-001 (PDF)</a>	<a href="#">Reference Guide (PDF)</a>

**General**

Product Family	PCB Receptacles
Series	52588
Application	Board-to-Board, Signal
Overview	SlimStack™ 0.35mm pitch Board-to-Board Connectors
Product Name	SlimStack
Series Name	0.80 Floating
UPC	822348143603

**Physical**

Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	None
Mated Height	5.50mm, 6.65mm, 7.00mm, 8.00mm
Mated Width	7.20mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	323.300/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.80mm
Plating min - Mating	3.048µm
Plating min - Termination	3.048µm
Polarized to PCB	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-20° to +105°C
Termination Interface: Style	Surface Mount

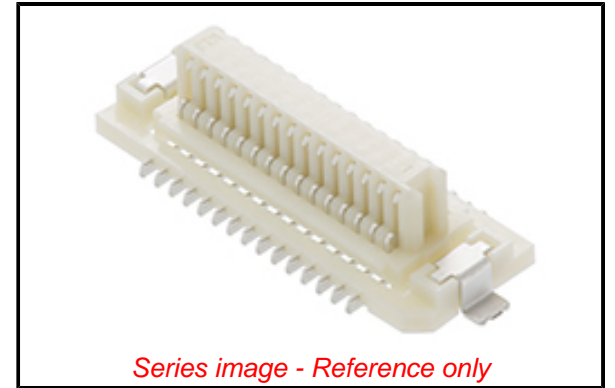
**Electrical**

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-52588-001-001
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**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Not 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**

52588 Series

**Mates With**

53364 , 53353 , 53307 , 53309

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