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**Part Number:** **5052702010**  
**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, 0.70mm or 0.80mm Stacking Height, 2.00mm Width, 20 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification 5052700000-003 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-505270-001-001 (PDF)</a>
<a href="#">Product Specification 5052700000-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	PCB Receptacles
Series	505270
Application	Board-to-Board
Overview	<a href="#">SlimStack™ 0.35mm pitch Board-to-Board Connectors</a>
Product Name	SlimStack
Series Name	SSB7RP, SSB8RP
UPC	889056162869

**Physical**

Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	0.70mm, 0.80mm
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	12.290/mg
Number of Rows	2
Orientation	Vertical
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.35mm
Plating min - Mating	0.102µm
Plating min - Termination	0.051µm
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

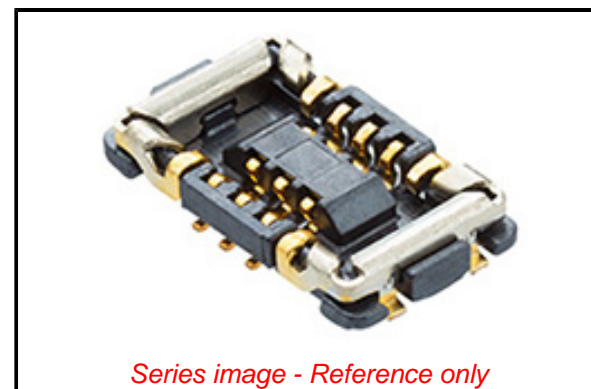
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-505270-001-001
Product Specification	5052700000-000, 5052700000-003
Sales Drawing	5052700000-000, 5052701000-004



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[505270](#) Series

**Mates With**

SlimStack Armor Plug Connector [505274](#) ,  
[505070](#)

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