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**Part Number:** [5035521822](#)  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board/Board-to-FPC Connectors  
**Description:** SlimStack Board-to-Board Plug, 0.40mm Pitch, HRF (High Retention Force) Series, 0.70mm Mated Height, 2.60mm Mated Width, 18 Circuits

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 5035529200-SPK-200 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">2D Drawing DXF (PDF)</a>	<a href="#">Product Guide (PDF)</a>
<a href="#">2D Drawing (DXF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Reference Guide (PDF)</a>
<a href="#">Product Specification 5035480003-PS-000 (PDF)</a>	

**General**

Product Family	PCB Headers
Series	<a href="#">503552</a>
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack Board-to-Board/Board-to-FPC Connectors</a>
Product Name	SlimStack
Series Name	0.4, HRF 7S
UPC	191128129725

**Physical**

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	0.70mm
Mated Width	2.60mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	9.070/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Surface Mount

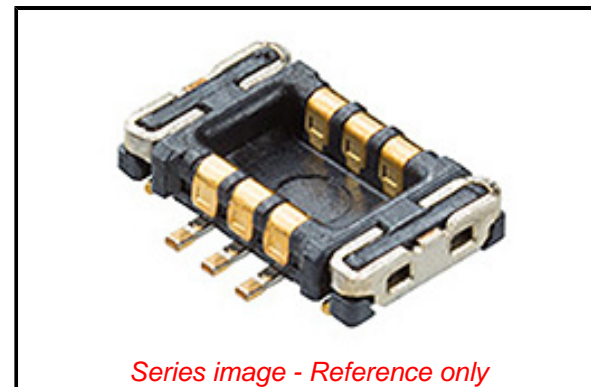
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	5035529200-SPK-200
Product Specification	5035480003-PS-000
Sales Drawing	5035520000-SD-000, 5035521000-SD-000



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[503552](#) Series

**Mates With**

SlimStack HRF Receptacle [503548](#)

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