

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

**Part Number:** [5035481622](#)  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board Connectors  
**Description:** SlimStack Board-to-Board Receptacle, 0.40mm Pitch, HRF (High Retention Force) Series, 0.70mm Mated Height, 2.60 Mated Width, 16 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 5035489200-SPK-200 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Guide (PDF)</a>
<a href="#">Product Specification 5035480003-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 5035520001-000 (PDF)</a>	<a href="#">Reference Guide (PDF)</a>

**General**

Product Family	PCB Receptacles
Series	<a href="#">503548</a>
Application	Board-to-Board
Overview	<a href="#">SlimStack Board-to-Board Connectors</a>
Product Name	SlimStack
Series Name	HRF
UPC	191128129657

**Physical**

Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	0.70mm
Mated Width	2.60mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	13.240/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

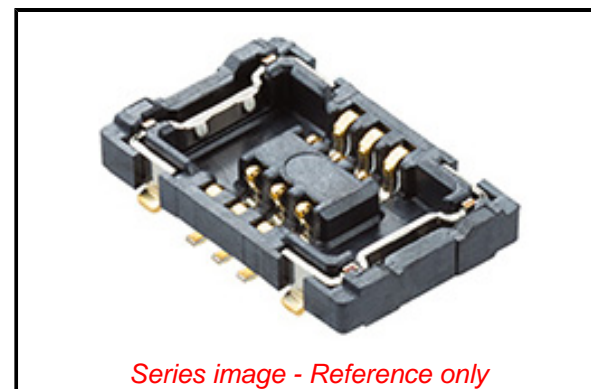
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	5035489200-SPK-200
Product Specification	5035480003-PS-000, 5035520001-000
Sales Drawing	5035480000-SD-000, 5035481000-SD-000



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
D(2020)4578-DC (25  
June 2020)  
dihexyl phthalate  
(DnHP)  
ethylene thiourea  
di-n-pentyl phthalate  
(DPP)  
perfluorooctanoic acid  
decamethylcyclotrasiloxane  
octamethylcyclotetrasiloxane  
1,2-diethoxyethane  
dibutyltin dichloride  
1,3-propanesultone  
disodium 4-  
amino-3-[[4'-[(2,4-  
diaminophenyl)azo]  
ammoniumpentadecafluorooctanoate  
2-benzotriazol-2-  
yl-4,6-di-tert-  
butylphenol  
2,4-di-tert-butyl-6-(5-  
chlorobenzotriazol-2-  
yl)p  
disodium octaborate  
2-(2H-benzotriazol-2-  
yl)-4,6-  
ditertpentylphenol  
Terphenyl,  
hydrogenated  
diisohexyl phthalate  
Hexabromocyclododecane  
(HBCDD)  
Aluminosilicate  
Refractory Ceramic  
Fibres  
Zirconia  
Aluminosilicate

**China RoHS**

Refractory Ceramic  
Fibr  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodiu  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi  
Fluoranthene  
Pyrene  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o  
Perfluorononan-1-  
oic acid  
(2,2,3,3,4,4,5,5,6,6,7  
reaction mass of  
2-ethylhexyl 10-  
ethyl-4,4-dioct  
Perfluorohexane-1-  
sulphonic acid and its  
salts  
cobalt dichloride  
diarsenic pentaoxide  
diarsenic trioxide  
bis(tributyltin) oxide  
lead chromate  
Lead chromate  
molybdate sulfate red  
Lead sulfochromate  
yellow  
tris(2-chloroethyl)  
phosphate  
tetraboron disodium  
heptaoxide, hydrate  
strontium chromate  
1,2-  
benzenedicarboxylic  
acid; di-C7-11-  
branched  
bis(2-methoxyethyl)  
ether  
bis(2-methoxyethyl)  
phthalate  
diboron trioxide  
cadmium oxide (non-  
pyrophoric)  
cadmium sulphide  
orange lead  
cadmium  
lead dinitrate  
lead titanium trioxide  
Lead titanium  
zirconium oxide  
lead cyanamidate  
cadmium hydroxide  
Sulfurous acid, lead  
salt, dibasic  
Silicic acid (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>),  
barium salt (1:1),  
lead-  
Fatty acids, C16-18,  
lead salts  
4-aminoazobenzene  
N,N-  
dimethylformamide

**Halogen-Free  
Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[503548](#) Series

**Mates With**

SlimStack HRF Plug [503552](#)

This document was generated on 10/15/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**