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Part Number: [5035481822](#)
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, 18 Circuits

Documents:

3D Model	Packaging Specification 5035489200-SPK-200 (PDF)
3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	Product Guide (PDF)
Product Specification 5035480003-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5035520001-000 (PDF)	Reference Guide (PDF)

General

Product Family	PCB Receptacles
Series	503548
Application	Board-to-Board
Overview	SlimStack Board-to-Board Connectors
Product Name	SlimStack
Series Name	HRF
UPC	191128129664

Physical

Circuits (Loaded)	18
Circuits (maximum)	18
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	14.180/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

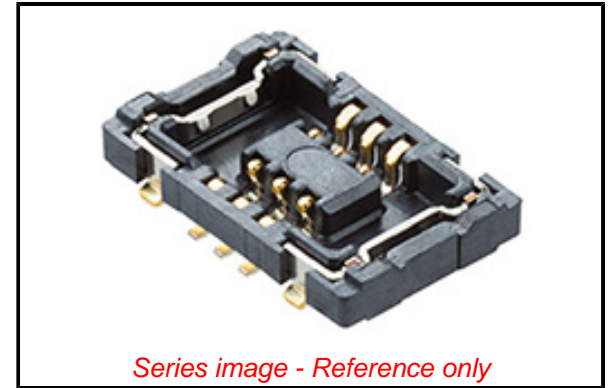
Electrical

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
decamethylcyclopentasiloxane
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 (H₂Si₂O₅),
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](#)

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