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Part Number: **5054731010**
Status: **Active**
Overview: SlimStack Board-to-Board Connectors
Description: SlimStack Board-to-Board Receptacle, 0.40mm Pitch, Battery Series, 0.60mm Mated Height, 2.00mm Mated Width, 10 Circuits, 10.0A

Documents:

3D Model	Packaging Specification 5054739200-200 (PDF)
3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	Product Guide (PDF)
Product Specification 5054730000-000 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 5054730000-A00 (PDF)	Reference Guide (PDF)

General

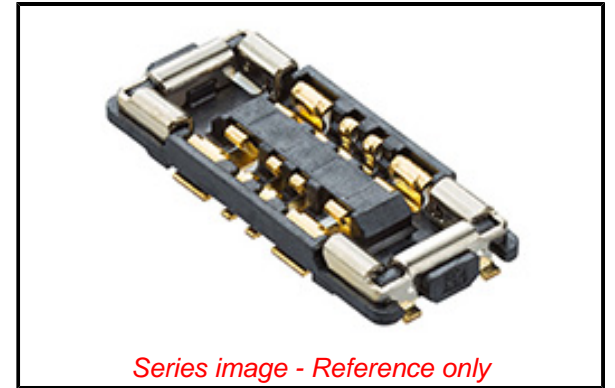
Product Family	PCB Receptacles
Series	505473
Application	Board-to-Board
Comments	* 10A of current per circuit is applicable if the circuit is constructed by two power pins via a PWB/FPC circuit
Overview	SlimStack Board-to-Board Connectors
Product Name	SlimStack
Series Name	Battery
UPC	889056268882

Physical

(p)ower-(s)ignal Configuration	4p - 6s
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	10
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	0.60mm
Mated Width	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	11.083/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
Plating min - Mating	0.100µm
Plating min - Termination	0.050µm
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	0.5A, 5.0A*
Voltage - Maximum	50V AC (RMS)/DC



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

Material Info

Reference - Drawing Numbers

Application Specification	5054730000-A00
Packaging Specification	5054739200-200
Product Specification	5054730000-000
Sales Drawing	5054730000-000, 5054731000-000

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

[505473](#) Series

Mates With

SlimStack Battery (10.0A) Plug [505476](#)

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