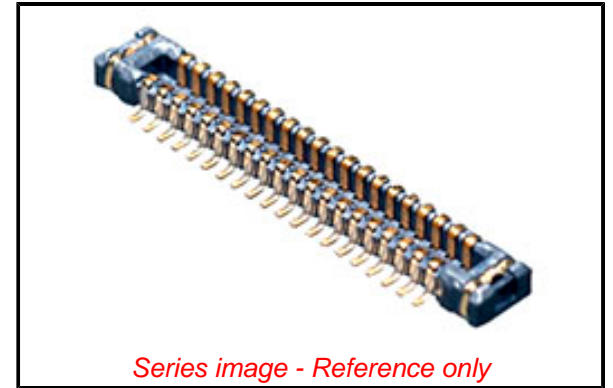


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **5024301412**
Status: **Active**
Overview: SlimStack Board-to-Board Connectors
Description: SlimStack Board-to-Board Plug, 0.40mm Pitch, Surface Mount, Dual Row, Vertical Stacking, 1.00mm Stacking Height, with Solder Tabs, 14 Circuits

Documents:

3D Model	Application Specification 5024260000-A00 (PDF)
3D Model (PDF)	Packaging Specification 5024309200-200 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5024260000-000 (PDF)	



Series image - Reference only

General

Product Family	PCB Headers
Series	502430
Application	Board-to-Board, Signal
Overview	<u>SlimStack Board-to-Board Connectors</u>
Product Name	SlimStack
Series Name	T10
UPC	191128129114

Physical

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	1.00mm
Mated Width	2.60mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	9.830/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	-20° 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

Application Specification	5024260000-A00
Packaging Specification	5024309200-200
Product Specification	5024260000-000
Sales Drawing	5024300000-000, 5024300001-000, 5024301000-000, 5024301001-000

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
Perfluorohexane-1-
sulphonic acid and its
salts
Methylhexahydrophthalic
anhydride
Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Pyrene
Tris(4-nonylphenyl,
branched and linear)
phosphi
Zirconia
Aluminosilicate
Refractory Ceramic
Fibr
Boric acid
diisohexyl phthalate
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
2-(2H-benzotriazol-2-
yl)-4,6-
ditertpentylphenol
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
ammoniumpentadecafluorooctanoate
disodium 4-
amino-3-[[4'-[(2,4-
diaminophenyl)azo]
dibutyltin dichloride
1,2-diethoxyethane
diisopentylphthalate

China RoHS

disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
dodecamethylcyclhexasiloxane
perfluorooctanoic acid
phenanthrene
dihexyl phthalate
(DnHP)
4-aminoazobenzene
benzo[a]pyrene
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
cadmium hydroxide
lead cyanamidate
Lead titanium
zirconium oxide
dioxobis(stearato)trilead
tetralead trioxide
sulphate
orange lead
bis(pentabromophenyl)
ether
1,2-dimethoxyethane
bis(2-methoxyethyl)
ether
1,2-
benzenedicarboxylic
acid; di-C6-8-
branched a
1,2-
benzenedicarboxylic
acid; di-C7-11-
branched
strontium chromate
tetraboron disodium
heptaoxide, hydrate
tris(2-chloroethyl)
phosphate
Lead sulfochromate
yellow
Lead chromate
molybdate sulfate red
lead chromate

**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

[502430](#) Series

Mates With

[502426](#) PCB Receptacle