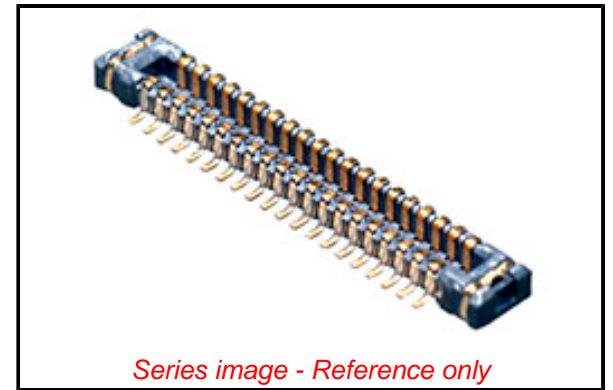


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5024305012**  
**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, 50 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	191128129213

**Physical**

Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
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	21.211/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 (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>),  
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