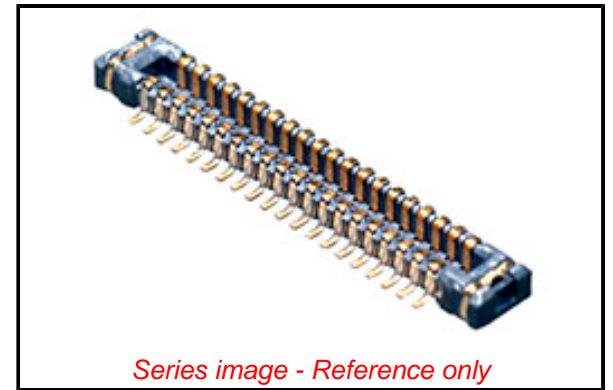


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5024306012](#)  
**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, 60 Circuits

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                   | <a href="#">Application Specification 5024260000-A00 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                             | <a href="#">Packaging Specification 5024309200-200 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>                              | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |
| <a href="#">Product Specification 5024260000-000 (PDF)</a> |  |



*Series image - Reference only*

**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers   |
| Series         | <a href="#">502430</a>                              |
| Application    | Board-to-Board, Signal                              |
| Overview       | <a href="#">SlimStack Board-to-Board Connectors</a> |
| Product Name   | SlimStack   |
| Series Name    | T10   |
| UPC            | 191128129220  |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 60                    |
| Circuits (maximum)             | 60                    |
| 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                     | 24.601/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