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**Part Number:** [5015911211](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.40mm Pitch Board-to-Board Connectors  
**Description:** 0.40mm Pitch SlimStack™ Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical Stacking, 0.90mm Stacking Height, with Solder Tabs, 12 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-501591-003 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-501591-001 (PDF)</a>
<a href="#">Product Specification PS-501591-002 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**General**

Product Family	PCB Receptacles
Series	501591
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack™ 0.40mm Pitch Board-to-Board Connectors</a>
Product Name	SlimStack™
UPC	800756882802

**Physical**

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	20
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height	0.90mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Net Weight	16.277/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

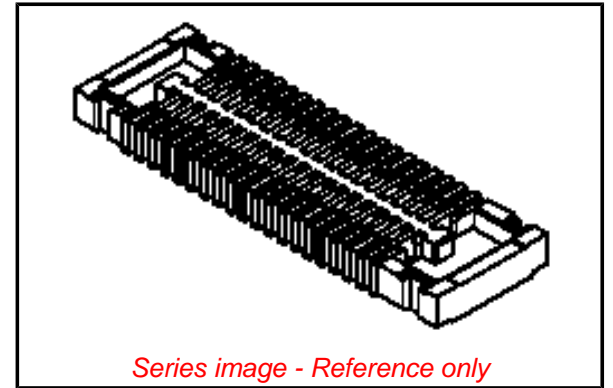
**Electrical**

Current - Maximum per Contact	0.3A
Voltage - Maximum	50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-501591-001
Product Specification	PS-501591-002, PS-501591-003, RPS-501591-010, RPS-501591-012, RPS-501591-016, RPS-501591-019, RPS-501591-020



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Yes -ED/39/2015 (15 June 2015)  
Sodium perborate;  
perboric acid, sodium salt  
Methylhexahydrophthalic anhydride  
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated  
Trixylyl phosphate  
Boric acid  
Disodium tetraborate  
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidi  
pentacosafuorotridecanoic acid  
sodium  
peroxometaborate  
hencosafluoroundecanoic acid  
1,2-diethoxyethane  
methoxyacetic acid  
heptacosafuorotetradecanoic acid  
tricosafuorododecanoic acid  
C,C'-  
azodi(formamide)  
furan  
Imidazolidine-2-thione  
dinoseb (ISO)  
Acetamide, N-methylpropylene oxide  
Silicic acid (H2Si2O5), barium salt (1:1), lead-  
Trichloroethylene

**China RoHS**

1,2,3-  
 Trichloropropane  
 1,2-dichloroethane  
 1-bromopropane  
 Dibutyltin-dichloride  
 4,4'-  
 Methylenedianiline  
 Tris(2-chloroethyl)  
 phosphate  
 Boric acid, disodium  
 salt, hydrate  
 formamide  
 4,4'-  
 bis(dimethylamino)benzophenone  
 N,N,N',N'-  
 tetramethyl-4,4'-  
 methylenedianiline  
 1,2-bis(2-  
 methoxyethoxy)ethane  
 [4-[4,4'-  
 Bis(dimethylamino)benzhydrylidene]cyclo  
 4,4'-  
 bis(dimethylamino)-4''-  
 (methylamino)trityl  
 Diboron-trioxide  
 [4-[[4-Anilino-1-  
 naphthyl][4-  
 (dimethylamino)phen  
 #,#-Bis[4-  
 (dimethylamino)phenyl]-4  
 (phenylamino)  
 diethyl sulphate

**Halogen-Free****Status****Low-Halogen**

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 environmental compliance?**

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 non-product compliance questions.

China ROHS  
 ELV

Green Image  
 Not Relevant

**Search Parts in this Series**

[501591](#) Series

**Mates With**

[501594](#) PCB Header

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