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**Part Number:** [5010170248](#)  
**Status:** **Active**  
**Description:** 0.40mm Pitch Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical, 4.00mm Stacking Height, 24 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-501017-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-54684-008-001 \(PDF\)](#)

**General**

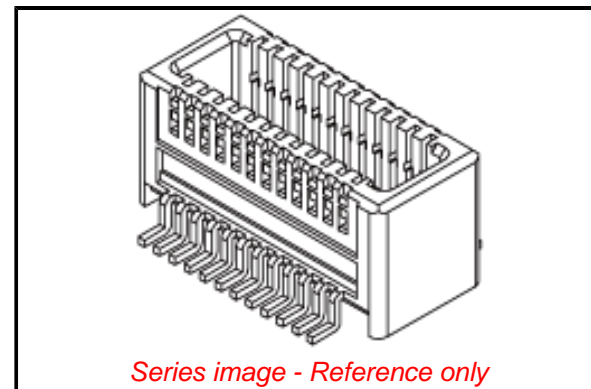
Product Family	PCB Headers
Series	<a href="#">501017</a>
Application	Board-to-Board, Signal
Data Load Status	Collected FY08-Verified FY08
Doc Info - Component	E-501017-001_J, E-501017-002_H, PS-54684-008_A, RPS-54684-014_C, RSD-501017-001_A, RSD-501017-002_0, S, SD-501017-001_D, SD-501017-002_C
Made From	0568908044, 0568908144
Product Name	N/A
UPC	822348299676

**Physical**

Breakaway	No
Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Brown
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	4.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	44.000/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
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
Stackable	No
Temperature Range - Operating	-25°C to +105°C
Temperature Range NonOperating	-25°C to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	0.3A
Voltage - Maximum	30V AC (RMS)/DC



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[501017 Series](#)

**Mates With**

[54684 PCB Receptacle](#)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

SPK-501017-001-001

Product Specification

PS-54684-008-001

Sales Drawing

SD-501017-001, SD-501017-002, SD-501017-006

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