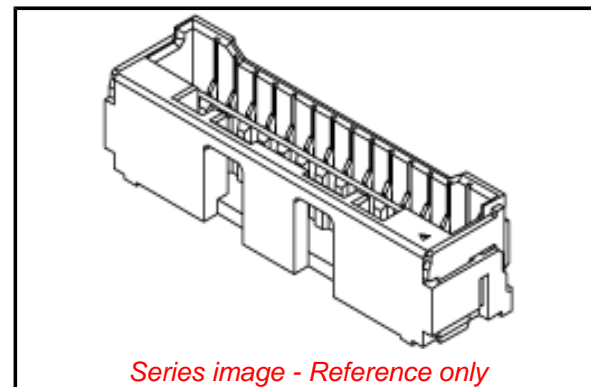


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**Part Number:** [5025841270](#)  
**Status:** **Active**  
**Overview:** [CLIK-Mate™ Wire-to-Board Connectors](#)  
**Description:** 1.50mm Pitch CLIK-Mate™ Wire-to-Board PCB Receptacle, Single Row, Surface Mount, Vertical, Tin Plating, 12 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-502578-002 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-502584-001 (PDF)</a>
<a href="#">Product Specification PS-502584-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-502578-001 (PDF)</a>	



**General**

Product Family	PCB Receptacles
Series	<a href="#">502584</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">CLIK-Mate™ Wire-to-Board Connectors</a>
Product Name	CLIK-Mate™
UPC	800756644547

**Physical**

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Beige
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	9.70mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Net Weight	880.601/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	0.80mm, 2.40mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	2.0A
Voltage - Maximum	100V

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-502578-001, AS-502578-002
Packaging Specification	SPK-502584-001
Product Specification	PS-502584-001, RPS-502584-002, RPS-502584-003, RPS-502584-005, RPS-502584-006, RPS-502584-008,

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Not 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

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[502584 Series](#)

**Mates With**

[502578 Crimp Housing](#)

Sales Drawing

RPS-502584-009, RPS-502584-010, RPS-502584-012,  
RPS-502584-013, RPS-502584-014, RPS-502584-016  
SD-502584-001, SD-502584-002, SD-503339-003,  
SD-505405-001, SD-505405-002

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