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**Part Number:** [53780-1270](#)  
**Status:** **Active**  
**Overview:** PanelMate™ Wire-to-Board Connector System  
**Description:** 1.25mm Pitch PanelMate™ Header, Surface Mount, Right Angle, 1.90mm Height, Lead-Free, 12 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51146-012 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-53780-001 (PDF)</a>
<a href="#">Product Specification PS-51146-010 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">53780</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">PanelMate™ Wire-to-Board Connector System</a>
Product Name	PanelMate™
UPC	822348185191

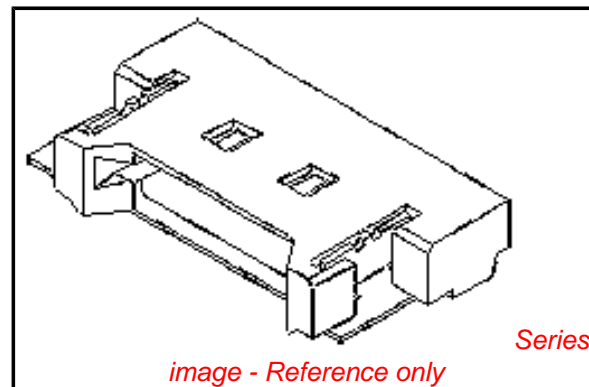
**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	197.808/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.25mm
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	1A
Voltage - Maximum	125V

**Material Info**



*image - Reference only*

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[53780Series](#)

**Mates With**

[51146 PanelMate™ Wire-to-Board Receptacle Housing](#)

## Reference - Drawing Numbers

Packaging Specification  
Product Specification

SPK-53780-001  
PS-51146-010, PS-51146-012, RPS-51146-020,  
RPS-51146-022, RPS-51146-023, RPS-51146-025,  
RPS-51146-026, RPS-51146-027, RPS-51146-028,  
RPS-51146-029, RPS-51146-035  
SD-53780-003, SD-53780-004

Sales Drawing

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