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**Part Number:** [0537800270](#)  
**Status:** **Active**  
**Overview:** [PanelMate™ Wire-to-Board Connector System](#)  
**Description:** 1.25mm Pitch PanelMate™ Header, Surface Mount, Right Angle, 1.90mm Height, 2 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51146-012-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-53780-001-001 (PDF)</a>
<a href="#">Product Specification PS-51146-010-001 (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
MolexKits	Yes
Overview	<a href="#">PanelMate™ Wire-to-Board Connector System</a>
Product Name	PanelMate™
UPC	822348185115

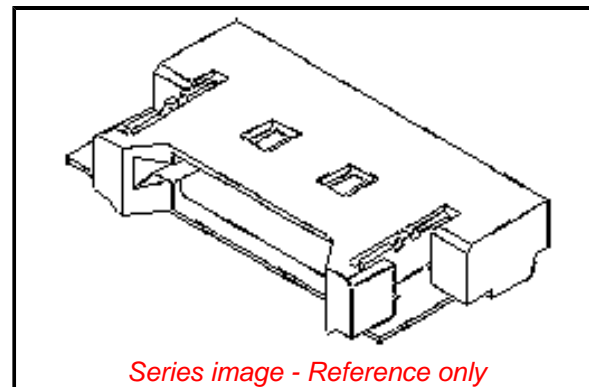
**Physical**

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
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	86.168/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	1.0A
Voltage - Maximum	125V

**Material Info**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**  
**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[53780 Series](#)

**Mates With**

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

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

SPK-53780-001-001

PS-51146-010-001, PS-51146-012-001

SD-53780-003, SD-53780-004

This document was generated on 03/17/2017

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