

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0537800370](#)

**Status:** **Active**

**Overview:**

**Description:** 1.25mm (.049") Pitch PanelMate™ Header, Surface Mount, Right Angle, 1.90mm (.075") Height, Lead-free, 3 Circuits

**Documents:**

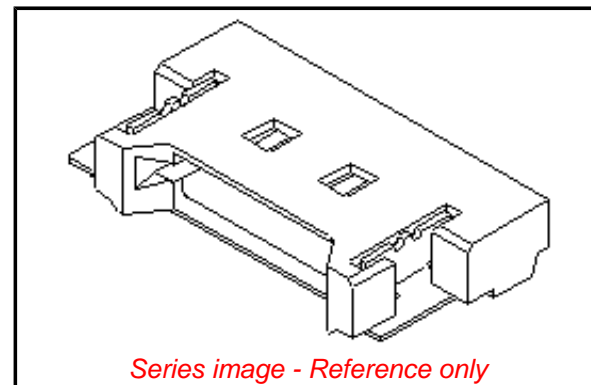
[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-51146-010 \(PDF\)](#)

[Product Specification PS-51146-012 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



**General**

Product Family	PCB Headers
Series	<a href="#">53780</a>
Application	Wire-to-Board
Overview	PanelMate™; 1.25mm Pitch Ultra Low-Profile
Product Name	PanelMate™

**Physical**

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.049 In
Pitch - Mating Interface (mm)	1.25 mm
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

CSA	LR19980
Current - Maximum	1A
UL	E29179
Voltage - Maximum	125V

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-51146-010
-----------------------	--------------

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

**Contains SVHC: No Halogen-Free Status**

**Not Reviewed**

**China RoHS**



**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.

**Search Parts in this Series**

[53780 Series](#)

**Mates With**

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

Product Specification	PS-51146-012
Product Specification	RPS-51146-020
Product Specification	RPS-51146-022
Product Specification	RPS-51146-023
Product Specification	RPS-51146-025
Product Specification	RPS-51146-026
Product Specification	RPS-51146-027
Product Specification	RPS-51146-028
Product Specification	RPS-51146-029
Sales Drawing	SD-53780-003
Sales Drawing	SD-53780-004

This document was generated on 11/05/2009

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**