

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

**Part Number:** **53780-0770**  
**Status:** **Active**  
**Overview:** PanelMate™ 1.25mm (.049")  
**Description:** 1.25mm Pitch PanelMate™ Header, Surface Mount, Right Angle, 1.90mm Height, Lead-Free, 7 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-51146-012 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51146-010 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [53780](#)  
 Application Signal, Wire-to-Board  
 Overview [PanelMate™ 1.25mm \(.049"\)](#)  
 Product Name PanelMate™

**Physical**

Breakaway No  
 Circuits (Loaded) 7  
 Circuits (maximum) 7  
 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  
 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

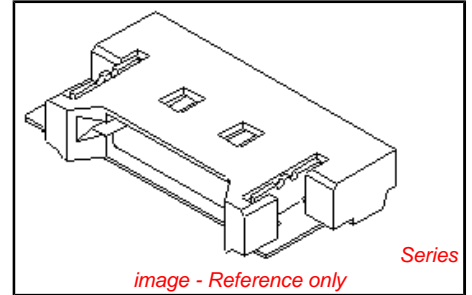
**Electrical**

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

**Material Info**

UPC 822348185160

**Reference - Drawing Numbers**



<p><b>EU RoHS</b>  <b>ELV and RoHS</b>  <b>Compliant</b>  <b>REACH SVHC</b>  <b>Contains SVHC: No</b>  <b>Low-Halogen Status</b>  <b>Not Reviewed</b></p>	<p><b>China RoHS</b></p>
---	--------------------------

**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

Product Specification

Sales Drawing

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

This document was generated on 07/11/2012

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