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Part Number: [53780-2070](#)
Status: **Active**
Overview: PanelMate™ 1.25mm (.049")
Description: 1.25mm Pitch PanelMate™ Header, Surface Mount, Right Angle, 1.90mm Height, Lead-Free, 20 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™
 UPC 822348185238

Physical

Breakaway No
 Circuits (Loaded) 20
 Circuits (maximum) 20
 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 287.080/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

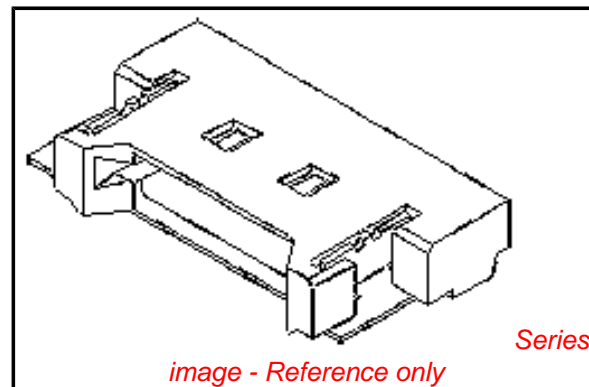


image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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

Product Specification

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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