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Part Number:

0537801470

Status:

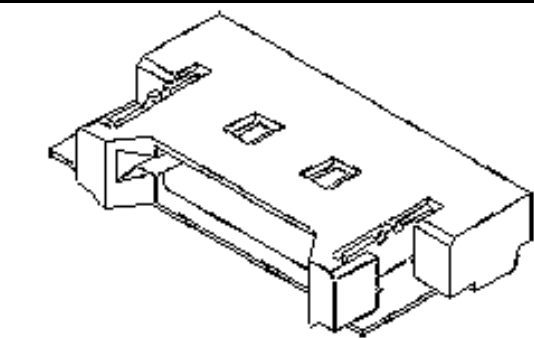
Active

Overview:

PanelMate™ Wire-to-Board Connector System

Description:

1.25mm Pitch PanelMate™ Header, Surface Mount, Right Angle, 1.90mm Height, 14 Circuits



Series image - Reference only

Documents:

3D Model

Drawing (PDF)

Product Specification PS-51146-010-001 (PDF)

Packaging Specification SPK-53780-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |  |                                           |
|--------------------------------|--|-------------------------------------------|
| Agency Certification           |  |                                           |
| CSA                            |  | LR19980                                   |
| UL                             |  | E29179                                    |
| General                        |  |                                           |
| Product Family                 |  | PCB Headers                               |
| Series                         |  | 53780                                     |
| Application                    |  | Signal, Wire-to-Board                     |
| MolexKits                      |  | Yes                                       |
| Overview                       |  | PanelMate™ Wire-to-Board Connector System |
| Product Name                   |  | PanelMate™                                |
| UPC                            |  | 822348185207                              |
| Physical                       |  |                                           |
| Breakaway                      |  | No                                        |
| Circuits (Loaded)              |  | 14                                        |
| Circuits (maximum)             |  | 14                                        |
| 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                     |  | 220.176/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

China RoHS

REACH SVHC

Not Contained Per -

ED/30/2017 (7 July

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 | SPK-53780-001-001          |
| Product Specification   | PS-51146-010-001           |
| Sales Drawing           | SD-53780-003, SD-53780-004 |

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