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Part Number: [0537802070](#)
Status: **Active**
Overview: PanelMate™ Wire-to-Board Connector System
Description: 1.25mm Pitch PanelMate™ Header, Surface Mount, Right Angle, 1.90mm Height, 20 Circuits

Documents:

3D Model	Product Specification PS-51146-012 (PDF)
Drawing (PDF)	Packaging Specification SPK-53780-001 (PDF)
Product Specification PS-51146-010 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	53780
Application	Signal, Wire-to-Board
Overview	PanelMate™ Wire-to-Board Connector System
Product Name	PanelMate™
UPC	822348185238

Physical

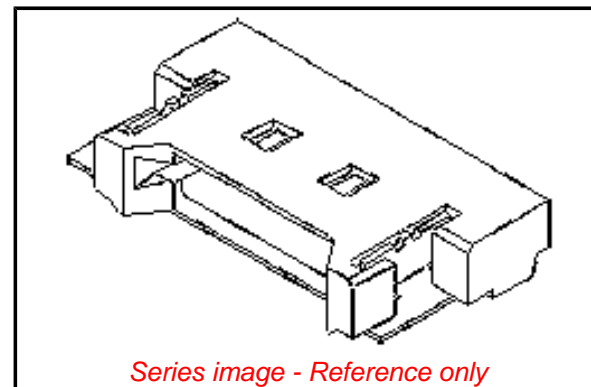
Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Natural
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - 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	1.0A
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Not Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

ELV

China RoHS

Green Image

Not Relevant

Search Parts in this Series

[53780](#) Series

Mates With

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

Packaging Specification
Product Specification

Sales Drawing

SPK-53780-001
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

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