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Part Number:

1721590606

Status:

Active

Overview:

EdgeMate™ Wire-to-Edge-Card Power Connector

Description:

3.96mm Pitch EdgeMate™ Wire-to-Board Edge Card Connector, Female, Nylon 6/6, White, UL94-V2, with Positive Lock, 6 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-172160-0001 (PDF)

Packaging Specification PK-172159-0001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Edge Card Connectors
Series	172159
Circuit Size Range	1-64 Circuits
Comments	See Product Specification for maximum current rating by wire AWG and terminal material.
Component Type	Edgecard to Wire
Data Rate	Unrated
Edge Card Thickness	N/A
High Power Bay (30.0A or more)	No
Orientation	Right Angle
Overview	EdgeMate™ Wire-to-Edge-Card Power Connector
Product Name	EdgeMate™
Standard Based	General
UPC	887191569932
Physical	
(p)ower-(s)ignal Configuration	6p - 0s
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	White
Durability (mating cycles max)	25
Entry Angle	90° Angle
Keying to Mating Part	Yes
Material - Plating Mating	N/A
Material - Resin	Nylon
Net Weight	2.580/g
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	3.96mm
Polarized to Mating Part	Polarizing Ribs
Temperature Range - Operating	-40°C to +105°C, -40°C to +80°C
Termination Interface: Style	Straddle Mount-Edge Card
Electrical	
Current - Maximum per Contact	7.0A
Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	N/A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(15. June 2015): No

Halogen-Free

Status

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

Green Image

ELV

Not Relevant

Search Parts in this Series

172159 Series

Mates With

Edge Card PCB

Use With

172160

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-172159-0001
Product Specification	PS-172160-0001
Sales Drawing	SD-172159-0002

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