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Part Number:

1721590502

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, 2 Circuits

Documents:

3D Model

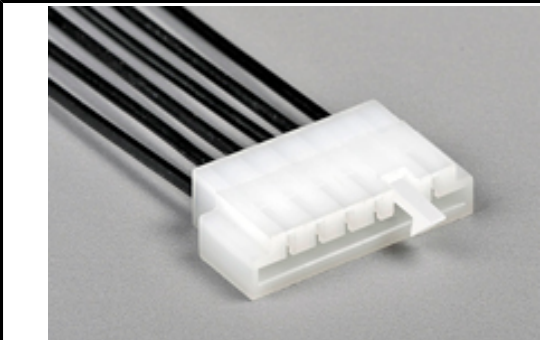
Drawing (PDF)

Product Specification PS-172160-0001-001 (PDF)

Packaging Specification PK-172159-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Edge Card Connectors
Series	172159
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	887191745916
Physical	
(p)ower-(s)ignal Configuration	2p - 0s
Circuit Size Range	1-64 Circuits
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	White
Durability (mating cycles max)	25
Entry Angle	90° Angle
Flammability	94V-2
Keying to Mating Part	None
Material - Plating Mating	N/A
Material - Resin	Nylon
Net Weight	1.480/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	No
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

Not Contained Per -ED/01/2018 (15 January 2018)

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

RoHS Phthalates

Not Contained

Search Parts in this Series

172159 Series

Mates With

Edge Card PCB

Use With

172160

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-172159-0001-001
Product Specification	PS-172160-0001-001
Sales Drawing	SD-172159-0002-000

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