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Part Number: [1721590503](#)
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, 3 Circuits

Documents:

[3D Model](#) [Packaging Specification PK-172159-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-172160-0001 \(PDF\)](#)

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 887191569826

Physical

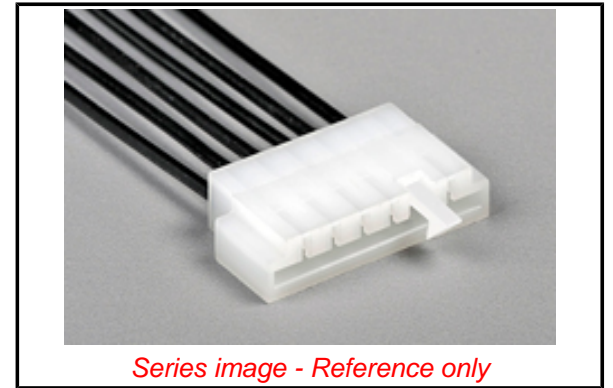
(p)ower-(s)ignal Configuration 3p - 0s
Circuits (Loaded) 3
Circuits (maximum) 3
Color - Resin White
Durability (mating cycles max) 25
Entry Angle 90° Angle
Flammability 94V-2
Keying to Mating Part None
Material - Plating Mating N/A
Material - Resin Nylon
Net Weight 1.660/g
PCB Locator Yes
PCB Retention 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

Compliant

REACH SVHC

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

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
ELV

Green Image
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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