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Part Number: [1721590003](#)
Status: **Active**
Overview: [EdgeMate Wire-to-Edge-Card Power Connector](#)
Description: 3.96mm Pitch EdgeMate Wire-to-Board Edge Connector, Female, Nylon 6/6, White, UL94-V2, without Lock, 3 Circuits
Replacement Part Number : <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=17215905031721590503>

Documents:

3D Model	Product Specification PS-172160-0001-001 (PDF)
3D Model (PDF)	Packaging Specification PK-172159-0001-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

Application tooling part link

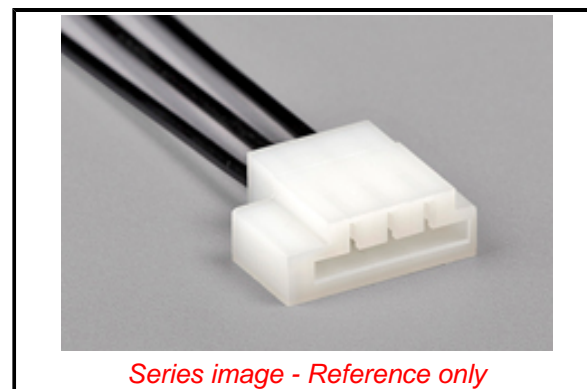
Application Tooling Part Link 11-03-0016

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
Replacement Part Number	1721590503
Replacement Part Number	positive lock version
Standard Based	General
UPC	887191569543

Physical

(p)ower-(s)ignal Configuration	3p - 0s
Circuit Size Range	1-64 Circuits
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	1.440/g
PCB Locator	No
PCB Retention	None
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° to +105°C, -40° to +80°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2020)9139-DC (19 Jan 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[172159 Series](#)

Mates With

Edge Card PCB

Use With

[172160](#)

Application Tooling | [FAQ](#)

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Extraction Tool for Flat Blade, 3.96mm KK, 2.00mm, 3.96mm EdgeMate, and Ultra-Fit Terminals	11030016

Termination Interface: Style Straddle Mount-Edge Card

Electrical

Current - Maximum per Contact 7.0A
Voltage - Maximum 250V

Solder Process Data

Lead-free Process Capability N/A

Material Info

Reference - Drawing Numbers

Packaging Specification PK-172159-0001-001
Product Specification PS-172160-0001-001
Sales Drawing SD-172159-0000-000

This document was generated on 02/18/2021

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