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**Part Number:** [1721590212](#)  
**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, without Lock, 12 Circuits

**Documents:**

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

**Agency Certification**

UL E29179

**General**

Product Family Edge Card Connectors  
Series [172159](#)  
Application Tooling Part Link 11-03-0016  
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 887191569819

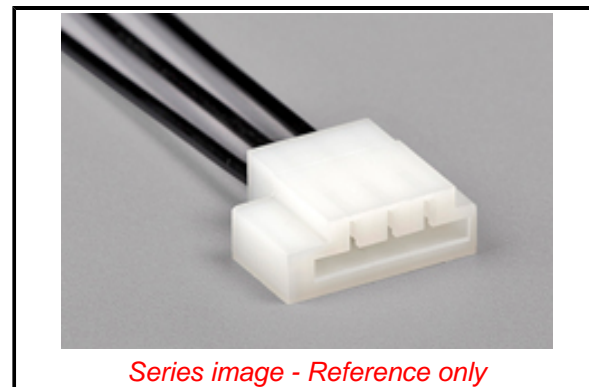
**Physical**

(p)ower-(s)ignal Configuration 12p - 0s  
Circuits (Loaded) 12  
Circuits (maximum) 12  
Color - Resin White  
Durability (mating cycles max) 25  
Entry Angle 90° Angle  
Flammability 94V-2  
Keying to Mating Part Yes  
Material - Plating Mating N/A  
Material - Resin Nylon  
Net Weight 4.060/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 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**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

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

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**China RoHS**

**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

[0011030016](#)

Lead-freeProcess 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

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