

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1721590612](#)  
**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, 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**

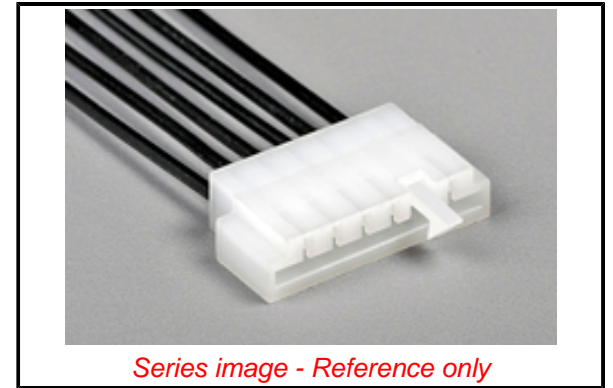
Product Family Edge Card Connectors  
 Series [172159](#)  
 Comments See Product Specification for maximum current rating by wire AWG and terminal material., See Product Specification for maximum current rating by wire AWG and terminal material.  
 Component Type Edgcard to Wire  
 Data Rate Unrated  
 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 887191569994

**Physical**

(p)ower-(s)ignal Configuration 12p - 0s  
 Circuit Size Range 1-64 Circuits  
 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 4.400/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° to +105°C, -40° to +80°C  
 Termination Interface: Style Straddle Mount-Edge Card

**Electrical**

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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**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](#)

**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-172159-0002-000

This document was generated on 08/26/2019

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