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**Part Number:** [172159-0503](#)  
**Status:** **Active**  
**Overview:** EdgeMate™ Wire-to-Edge-Card Power Connector  
**Description:** 3.96mm Pitch EdgeMate Crimp Housing, 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  
 Component Type Edgcard to Wire  
 Data Rate N/A  
 Edge Card Thickness 1.60mm  
 High Power Bay (30A or more) No  
 Orientation Right Angle  
 Overview [EdgeMate™ Wire-to-Edge-Card Power Connector](#)  
 Product Name EdgeMate™  
 Standard Based AMC  
 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 (Side Entry)  
 Keying to Mating Part Yes  
 Material - Plating Mating N/A  
 Material - Resin Nylon  
 Net Weight 1.660g  
 PCB Thickness - Recommended 1.57mm  
 Packaging Type Bag  
 Panel Mount No  
 Pitch - Mating Interface 3.96mm  
 Pitch - Termination Interface 3.96mm  
 Polarized to Mating Part No  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Surface Mount

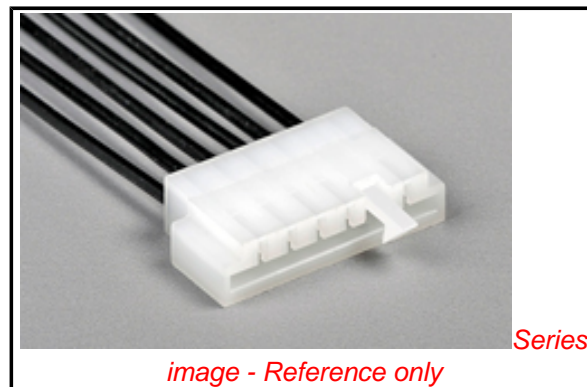
**Electrical**

Current - Maximum per Contact 7A  
 Voltage - Maximum 250V

**Material Info**

**Reference - Drawing Numbers**

[Packaging Specification](#) PK-172159-0001  
[Product Specification](#) PS-172160-0001



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

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[172160](#)

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