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**Part Number:** [1728790205](#)  
**Status:** **Active**  
**Overview:** [EdgeMate Wire-to-Edge-Card Power Connector](#)  
**Description:** 3.96mm Pitch EdgeMate Wire-to-Board Edge Card Connector, Female, Nylon 6, Black, UL94-V2, without Lock, Glow Wire Capable, 5 Circuits

**Documents:**

[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 [172879](#)  
 Application Tooling Part Link 11-03-0016  
 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 889056377089

**Physical**

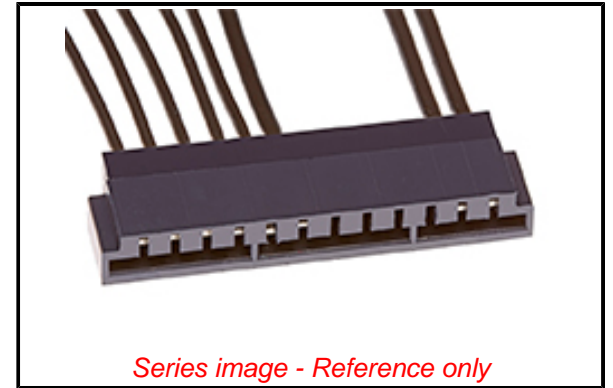
(p)ower-(s)ignal Configuration 5p - 0s  
 Circuit Size Range 1-64 Circuits  
 Circuits (Loaded) 5  
 Circuits (maximum) 5  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 Entry Angle 90° Angle  
 Flammability 94V-2  
 Keying to Mating Part Yes  
 Material - Plating Mating N/A  
 Material - Resin Nylon  
 Net Weight 2.144/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**

Lead-freeProcess Capability N/A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2018 (15  
 January 2018)

**Halogen-Free**

**Status**

**Not 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[172879](#) 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](#)

**Material Info**

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-172160-0001-001

SD-172879-0000-000

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