

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

**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  
**Replacement Part Number :** <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=17215906051721590605>

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-172160-0001-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**Application tooling part link**

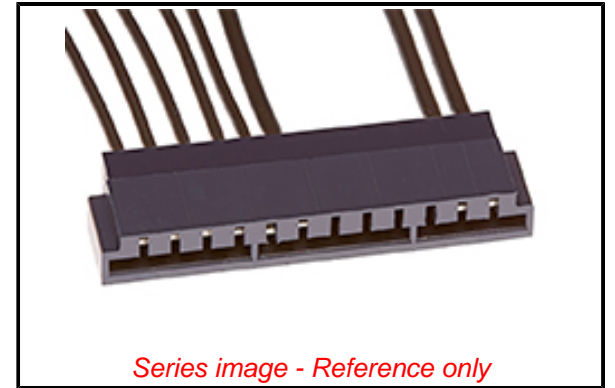
Application Tooling Part Link 11-03-0016

**General**

Product Family Edge Card Connectors  
 Series [172879](#)  
 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 [1721590605](#)  
 Replacement Part Number Non glow-wire  
 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° to +105°C, -40° to +80°C  
 Termination Interface: Style Straddle Mount-Edge Card



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**

**Not 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**

[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 for Flat Blade, 3.96mm KK, 2.00mm, 3.96mm EdgeMate, and Ultra-Fit Terminals	<a href="#">11030016</a>

**Electrical**

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

**Solder Process Data**

Lead-free Process Capability N/A

**Material Info****Reference - Drawing Numbers**

Product Specification PS-172160-0001-001  
Sales Drawing SD-172879-0000-000

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