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Part Number: [1728790003](#)
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, 3 Circuits
Replacement Part Number : <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=17215905031721590503>

Documents:

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

Agency Certification

UL E29179

Application tooling part link

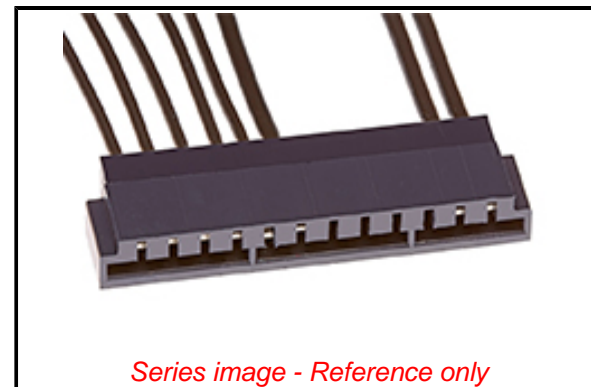
Application Tooling Part Link 11-03-0016

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 [1721590503](#)
 Replacement Part Number Non glow-wire
 Standard Based General
 UPC 889056377041

Physical

(p)ower-(s)ignal Configuration 3p - 0s
 Circuit Size Range 1-64 Circuits
 Circuits (Loaded) 3
 Circuits (maximum) 3
 Color - Resin Black
 Durability (mating cycles max) 25
 Entry Angle 90° Angle
 Flammability 94V-2
 Keying to Mating Part None
 Material - Plating Mating N/A
 Material - Resin Nylon
 Net Weight 1.592/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 No
 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	11030016

Electrical

Current - Maximum per Contact

7.0A

Voltage - Maximum

250V

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info**Reference - Drawing Numbers**

Product Specification

PS-172160-0001-001

Sales Drawing

SD-172879-0000-000

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