

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1728790206](#)
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, 6 Circuits
Replacement Part Number : <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=17215906061721590606>

Documents:

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

Agency Certification

UL E29179

Application tooling part link

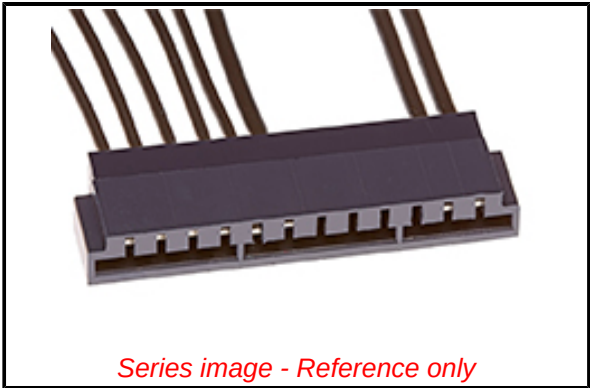
Application Tooling Part Link 11-03-0016

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 [1721590606](#)
Replacement Part Number Non glow-wire
Standard Based General
UPC 889056377072

Physical

(p)ower-(s)ignal Configuration 6p - 0s
Circuit Size Range 1-64 Circuits
Circuits (Loaded) 6
Circuits (maximum) 6
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 2.476/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



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
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Material Info

Reference - Drawing Numbers

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

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[172879-0206](#)