

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

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

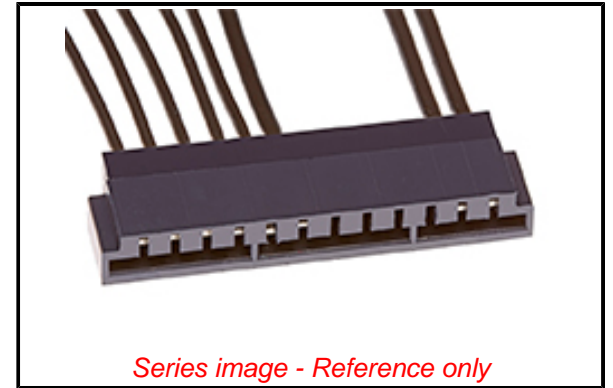
Product Family Edge Card Connectors
 Series [172879](#)
 Comments See Product Specification for maximum current rating by wire AWG and terminal material., See Product Specification for maximum current rating by wire AWG and terminal material.
 Component Type Edgecard to Wire
 Data Rate Unrated
 Edge 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 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

Electrical

Current - Maximum per Contact 7.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ECHA_01_2020 (16
 January 2020

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 [11030016](#)

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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