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Part Number: [1721590206](#)
Status: **Active**
Overview: [EdgeMate Wire-to-Edge-Card Power Connector](#)
Description: 3.96mm Pitch EdgeMate Wire-to-Board Edge Card Connector, Female, Nylon 6/6, White, UL94-V2, without Lock, 6 Circuits

Documents:

[3D Model](#) [Packaging Specification PK-172159-0001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-172160-0001-001 \(PDF\)](#)

Agency Certification

UL E29179

General

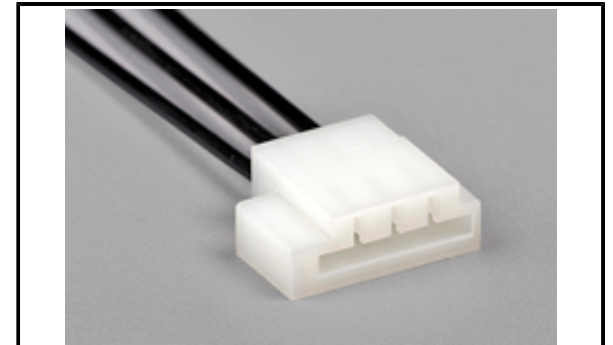
Product Family Edge Card Connectors
 Series [172159](#)
 Application Tooling Part Link 11-03-0016
 Comments See Product Specification for maximum current rating by wire AWG and terminal material., See Product Specification for maximum current rating by wire AWG and terminal material.
 Component Type Edgcard 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 887191569758

Physical

(p)ower-(s)ignal Configuration 6p - 0s
 Circuit Size Range 1-64 Circuits
 Circuits (Loaded) 6
 Circuits (maximum) 6
 Color - Resin White
 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 2.240/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

Electrical

Current - Maximum per Contact 7.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/88/2018 (15
 January 2019)

Halogen-Free

Status

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

[172159 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

Extraction Tool

Product #

[11030016](#)

Voltage - Maximum 250V

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Packaging Specification PK-172159-0001-001

Product Specification PS-172160-0001-001

Sales Drawing SD-172159-0000-000

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