

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1721590210](#)
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, 10 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
 Circuit Size Range 1-64 Circuits
 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™
 Standard Based General
 UPC 887191569796

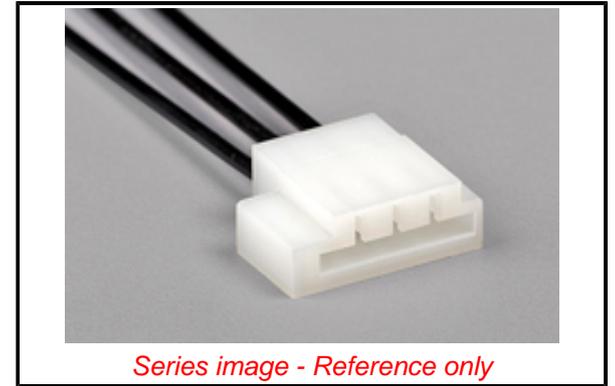
Physical

(p)ower-(s)ignal Configuration 10p - 0s
 Circuits (Loaded) 10
 Circuits (maximum) 10
 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 3.460/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°C to +105°C, -40°C to +80°C
 Termination Interface: Style Straddle Mount-Edge Card

Electrical

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

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

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

Product #

Extraction Tool

[0011030016](#)

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

This document was generated on 01/17/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[172159-0210](#)