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Part Number: [1721590607](#)
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, with Positive Lock, 7 Circuits

Documents:

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

Agency Certification

UL E29179

General

| | |
|--------------------------------|---|
| Product Family | Edge Card Connectors |
| Series | 172159 |
| 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 | 887191569949 |

Physical

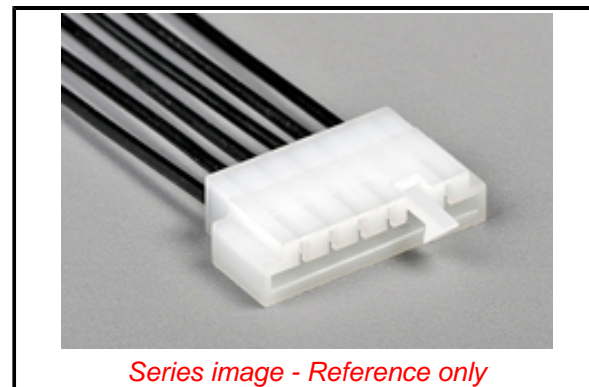
| | |
|--------------------------------|-------------------------------|
| (p)ower-(s)ignal Configuration | 7p - 0s |
| Circuit Size Range | 1-64 Circuits |
| Circuits (Loaded) | 7 |
| Circuits (maximum) | 7 |
| Color - Resin | White |
| Durability (mating cycles max) | 25 |
| Entry Angle | 90° Angle |
| Flammability | 94V-2 |
| Keying to Mating Part | Yes |
| Material - Plating Mating | N/A |
| Material - Resin | Nylon |
| Net Weight | 2.880/g |
| PCB Locator | Yes |
| PCB Retention | Yes |
| 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 |
| Voltage - Maximum | 250V |

Solder Process Data

| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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](#)

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-172159-0001-001

Product Specification

PS-172160-0001-001

Sales Drawing

SD-172159-0002-000

This document was generated on 07/16/2020

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