**Part Number :** 1721590609
**Product Description :** 3.96mm Pitch EdgeMate Wire-to-Board Edge Card Connector, Female, Nylon 6/6, White, UL94-V2, with Positive Lock, 9 Circuits
**Series Number :** 172159
**Status :** Obsolete
**Product Category :** Card Edge Connectors



Obsolete

## Documents and Resources

### Specifications

PK-172159-0001-001.pdf

PS-172160-0001-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)6375-DC (05 Nov 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Obsolete |
| Category | Card Edge Connectors |
| Series | 172159 |
| Description | 3.96mm Pitch EdgeMate Wire-to-Board Edge Card Connector, Female, Nylon 6/6, White, UL94-V2, with Positive Lock, 9 Circuits |
| Comments | See Product Specification for maximum current rating by wire AWG and terminal material. |
| Component Type | Edgecard to Wire |
| Product Name | EdgeMate |
| UPC | 887191569963 |

### Agency

| | |
|---|---|
| UL | E29179 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 7.0A |
| Data Rate | Unrated |
| High Power Bay (30.0A or more) | No |
| Voltage - Maximum | 250V |

### Physical

| | |
|---|---|
| Circuits (Loaded) | 9 |
| Circuits (maximum) | 9 |
| Color - Resin | White |
| Durability (mating cycles max) | 25 |
| Edge Card Thickness | N/A |
| Entry Angle | 90° Angle (Side Entry) |

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| | |
|---|---|
| Flammability | 94V-2 |
| Keying to Mating Part | Yes |
| Material - Plating Mating | N/A |
| Material - Resin | Nylon |
| Net Weight | 3.500/g |
| Orientation | Right-Angle |
| Packaging Type | Bag |
| Panel Mount | No |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.57mm |
| Pitch - Mating Interface | 3.96mm |
| Polarized to Mating Part | Polarizing Ribs |
| (p)ower-(s)ignal Configuration | 9p - 0s |
| Temperature Range - Operating | -40° to +105°C, -40° to +80°C |
| Termination Interface Style | Straddle Mount-Edge Card |

### Solder Process Data

| | |
|---|---|
| Lead-Free Process Capability | N/A |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mates With | Edge Card PCB |

### Use with Part(s)

| Description | Part Number |
|---|---|
| EdgeMate Crimp Terminals | 172160 |

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