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## Part Number: 172159-0609

**3.96mm Pitch EdgeMate Wire-to-Board Edge Card Connector, Female, Nylon 6/6, White, UL94-V2, with Positive Lock, 9 Circuits**



Series image - Reference only

**Status:** Active

**Series:** [172159](#)

**Category:** Edge Card Connectors

**Overview:** [EdgeMate™ Wire-to-Edge-Card Power Connector](#)

### Mates With Part(s):

Edge Card PCB

### Use With Part(s):

[172160](#)

## Product Environmental Compliance

**EU ELV:**Not Relevant

**EU RoHS:**Compliant

**EU RoHS Phthalates:**Not Contained

**China RoHS:** 

**REACH SVHC:**Not Contained Per -ED/30/2017 (7 July 2017)

**Low-Halogen Status:**Low-Halogen

## Part Detail

### General

<b>Status</b>	<b>Active</b>
<b>Category</b>	Edge Card Connectors
<b>Series</b>	<a href="#">172159</a>
<b>Comments</b>	See Product Specification for maximum current rating by wire AWG and terminal material.
<b>Component Type</b>	Edgecard to Wire
<b>Data Rate</b>	Unrated
<b>Edge Card Thickness</b>	N/A
<b>High Power Bay (30.0A or more)</b>	No
<b>Orientation</b>	Right Angle
<b>Overview</b>	<a href="#">EdgeMate™ Wire-to-Edge-Card Power Connector</a>
<b>Product Name</b>	EdgeMate
<b>Standard Based</b>	General

UPC 887191569963

Physical

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<b>(p)ower-(s)ignal Configuration</b>	9p - 0s
<b>Circuit Size Range</b>	1-64 Circuits
<b>Circuits (Loaded)</b>	9
<b>Circuits (maximum)</b>	9
<b>Color - Resin</b>	White
<b>Durability (mating cycles max)</b>	25
<b>Entry Angle</b>	90° Angle
<b>Flammability</b>	94V-2
<b>Keying to Mating Part</b>	Yes
<b>Material - Plating Mating</b>	N/A
<b>Material - Resin</b>	Nylon
<b>Net Weight</b>	3.500/g
<b>PCB Locator</b>	Yes
<b>PCB Retention</b>	Yes
<b>PCB Thickness - Recommended</b>	1.57mm
<b>Packaging Type</b>	Bag
<b>Panel Mount</b>	No
<b>Pitch - Mating Interface</b>	3.96mm
<b>Polarized to Mating Part</b>	Polarizing Ribs
<b>Temperature Range - Operating</b>	-40°C to +105°C, -40°C to +80°C
<b>Termination Interface: Style</b>	Straddle Mount-Edge Card

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**(Please review the Product Specification for specific details.)**

<b>Current - Maximum per Contact</b>	7.0A
<b>Voltage - Maximum</b>	250V

Agency Certification

Please find UL Certificates by searching the UL Database using the Molex Series Number. [Click here to visit the UL Database](#)

UL E29179

Solder Process Data

[Solderability Shelf Life Statement](#)

Lead-free Process Capability N/A

Reference - Drawing Numbers

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<b>Packaging Specification</b>	PK-172159-0001-001
<b>Product Specification</b>	PS-172160-0001-001
<b>Sales Drawing</b>	SD-172159-0002-000

## Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

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### Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)

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