molex



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)7771-DC (04 Feb 2026)
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

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- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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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