molex



Part Number : 1721590610
Product Description : 3.96mm Pitch EdgeMate Wire-to-Board Edge Card Connector, Female, Nylon 6/6, White, UL94-V2, with Positive Lock, 10 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, 10 Circuits
Comments	See Product Specification for maximum current rating by wire AWG and terminal material.
Component Type	Edgecard to Wire
Product Name	EdgeMate
UPC	887191569970

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)	10
Circuits (maximum)	10
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	3.800/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	10p - 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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