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Part Number:

1721590207

Status:

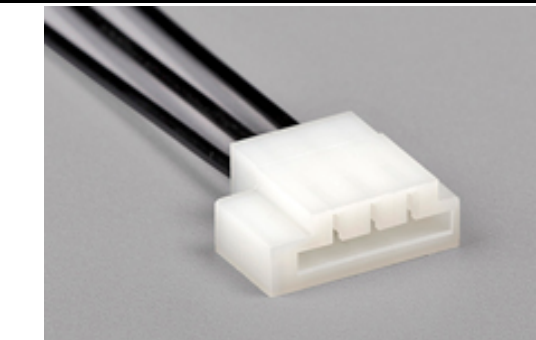
Active

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, without Lock, 7 Circuits



Series image - Reference only

Documents:

3D Model

Drawing (PDF)

Product Specification PS-172160-0001-001 (PDF)

Packaging Specification PK-172159-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Edge Card Connectors
Series	172159
Application Tooling Part Link	11-03-0016
Circuit Size Range	1-64 Circuits
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	887191569765
Physical	
(p)ower-(s)ignal Configuration	7p - 0s
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	2.540/g
PCB Locator	No
PCB Retention	None
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°C to +105°C, -40°C to +80°C
Termination Interface: Style	Straddle Mount-Edge Card
Electrical	
Current - Maximum per Contact	7.0A
Voltage - Maximum	250V
Solder Process Data	

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/01/2017 (12 January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

172159 Series

Mates With

Edge Card PCB

Use With

172160

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

Extraction Tool

0011030016

Lead-free	Process Capability	N/A
Material Info		
Reference - Drawing Numbers		
Packaging	Specification	PK-172159-0001-001
Product	Specification	PS-172160-0001-001
Sales	Drawing	SD-172159-0000-000

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