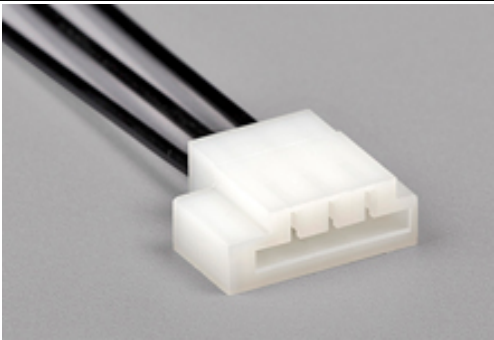


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1721590212](#)
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, 12 Circuits

Documents:	
3D Model	Product Specification PS-172160-0001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-172159-0001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
Application tooling part link	
Application Tooling Part Link	11-03-0016
General	
Product Family	Edge Card Connectors
Series	172159
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	887191569819
Physical	
(p)ower-(s)ignal Configuration	12p - 0s
Circuit Size Range	1-64 Circuits
Circuits (Loaded)	12
Circuits (maximum)	12
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	4.060/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° to +105°C, -40° to +80°C
Termination Interface: Style	Straddle Mount-Edge Card
Electrical	
Current - Maximum per Contact	7.0A
Voltage - Maximum	250V



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)4578-DC (25 June 2020)	
Halogen-Free Status	
Low-Halogen	
For more information, please visit Contact US	
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	
<i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i>	
Global	
Description	Product #
Extraction Tool	11030016

Solder Process Data

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

This document was generated on 07/14/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION