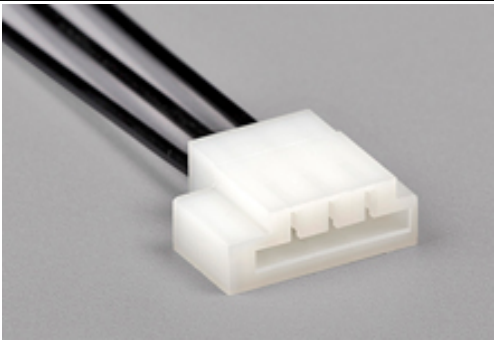


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1721590003](#)
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, 3 Circuits

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	887191569543
Physical	
(p)ower-(s)ignal Configuration	3p - 0s
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	White
Durability (mating cycles max)	25
Entry Angle	90° Angle
Flammability	94V-2
Keying to Mating Part	None
Material - Plating Mating	N/A
Material - Resin	Nylon
Net Weight	1.440/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	No
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	



Series image - Reference only

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per -ED/01/2017 (12 January 2017) Halogen-Free Status Low-Halogen	China RoHS
--	-------------------

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

This document was generated on 02/17/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION