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**Part Number:** [1728790004](#)  
**Status:** **Active**  
**Overview:** EdgeMate™ Wire-to-Edge-Card Power Connector  
**Description:** 3.96mm Pitch EdgeMate™ Wire-to-Board Edge Card Connector, Female, Nylon 6, Black, UL94-V2, without Lock, Glow Wire Compatible, 4 Circuits

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-172160-0001 \(PDF\)](#)

**General**

Product Family	Edge Card Connectors
Series	<a href="#">172879</a>
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	<a href="#">EdgeMate™ Wire-to-Edge-Card Power Connector</a>
Product Name	EdgeMate™
Standard Based	General
UPC	889056377058

**Physical**

(p)ower-(s)ignal Configuration	4p - 0s
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	90° Angle
Keying to Mating Part	None
Material - Plating Mating	N/A
Material - Resin	Nylon
Net Weight	1.791/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

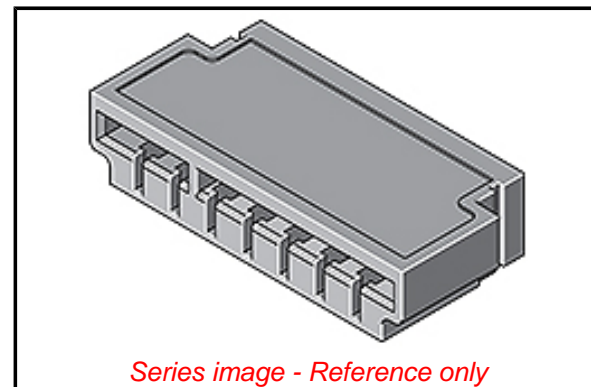
**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-172160-0001
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(15. June 2015): No

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

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

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[172879](#) Series

**Mates With**

Edge Card PCB

**Use With**

[172160](#)

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