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Part Number: [1728790003](#)
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, 3 Circuits

Documents:

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

General

| | |
|--------------------------------|---|
| Product Family | Edge Card Connectors |
| Series | 172879 |
| 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 | 889056377041 |

Physical

| | |
|--------------------------------|---------------------------------|
| (p)ower-(s)ignal Configuration | 3p - 0s |
| Circuits (Loaded) | 3 |
| Circuits (maximum) | 3 |
| 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 | 1.592/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 |

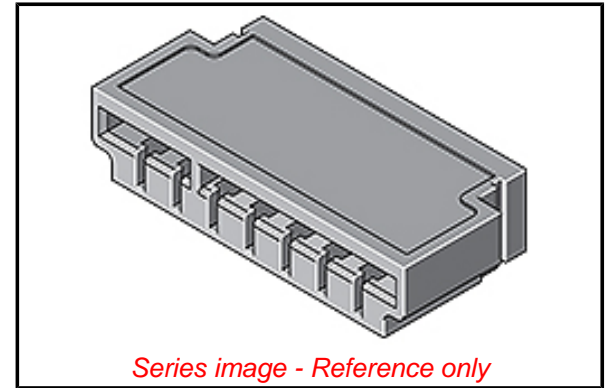
Solder Process Data

| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|----------------|
| Product Specification | PS-172160-0001 |
|-----------------------|----------------|



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
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

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