

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1721601806](#)  
**Status:** **Active**  
**Overview:** EdgeMate Wire-to-Edge-Card Power Connector  
**Description:** 3.96mm Pitch EdgeMate Crimp Terminal, Brass, Tin (Sn), Bifurcated, 18-20 AWG, Reel  
**Replacement Part Number :** <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=17216018051721601805> (gold plated)

**Documents:**

[Drawing \(PDF\)](#)      [Packaging Specification PK-2759-002-001 \(PDF\)](#)  
[Product Specification PS-172160-0001-001 \(PDF\)](#)      [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family      Crimp Terminals  
Series      [172160](#)  
Application      Power, Wire-to-Edge Card  
Comments      Replacement part [1721601805](#) is gold plated.  
Crimp Quality Equipment      Yes  
Overview      [EdgeMate Wire-to-Edge-Card Power Connector](#)  
Product Name      EdgeMate  
Replacement Part Number      [1721601805](#) (gold plated)  
UPC      887191914282

**Physical**

Durability (mating cycles max)      25  
Gender      Female  
Material - Metal      Brass  
Material - Plating Mating      Tin  
Material - Plating Termination      Tin  
Net Weight      0.172/g  
Packaging Type      Reel  
Plating min - Mating      2.540µm  
Plating min - Termination      2.540µm  
Termination Interface: Style      Crimp or Compression  
Wire Insulation Diameter      2.79mm max.  
Wire Size AWG      18, 20  
Wire Size mm<sup>2</sup>      N/A

**Electrical**

Current - Maximum per Contact      5.0A

**Solder Process Data**

Lead-freeProcess Capability      N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification      PK-2759-002-001  
Product Specification      PS-172160-0001-001  
Sales Drawing      SD-172160-0000-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**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**

[172160 Series](#)

**Use With**

[172159](#)

**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 for Flat Blade, 3.96mm KK, 2.00mm, 3.96mm EdgeMate, and Ultra-Fit Terminals | <a href="#">11030016</a>  |
| Terminator Die  | <a href="#">11402096</a>  |
| Mini-Mac Applicator for KK and Trifurcon, 3.96mm Terminals, 18-24 AWG, check                | <a href="#">638885000</a> |

ATS for Wire  
Insulation Diameter  
Compatibility

This document was generated on 02/22/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Headers & Wire Housings](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)  
[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)  
[65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-4853B](#) [707-5020](#) [707-5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#) [801-43-006-10-002000](#)