

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

**Part Number:** **0781720410**  
**Status:** **Active**  
**Overview:** Pico-EZmate and Pico-EZmate Slim Wire-to-Board Connector Systems  
**Description:** Pico-EZmate Wire-to-Board Crimp Terminal, 0.10µm Gold (Au) over Nickel (Ni) Plated

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-78172-001-001 (PDF)</a>
<a href="#">Product Specification PS-78171-010-001 (PDF)</a>	<a href="#">Application Specification AS-78172-006-001 (PDF)</a>
<a href="#">Product Specification PS-78172-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	78172
Application	Signal, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Pico-EZmate and Pico-EZmate Slim Wire-to-Board Connector Systems</a>
Product Name	Pico-EZmate
UPC	800756782744

**Physical**

Durability (mating cycles max)	10
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	19.360/mg
Packaging Type	Reel
Plating min - Mating	0.100µm
Plating min - Termination	0.100µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.60-0.70mm
Wire Size AWG	28, 30
Wire Size mm <sup>2</sup>	0.055-0.089

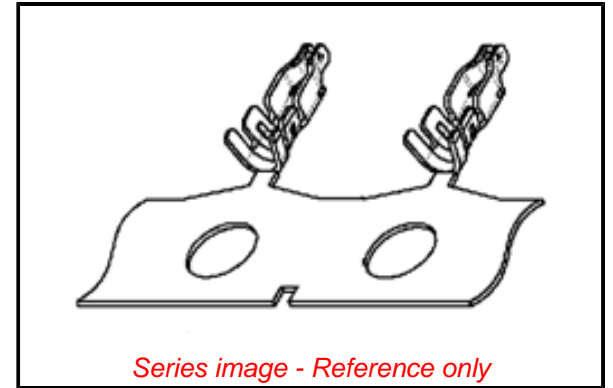
**Electrical**

Current - Maximum per Contact	1.5A
Voltage - Maximum	50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-78172-001-001, AS-78172-006-001
Crimp Specification	781720013-C00
Product Specification	PS-78171-010-001, PS-78172-001-001
Sales Drawing	SD-78172-008



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

78172 Series

**Use With**

Receptacle Housing [78172](#)

# Mouser Electronics

Authorized Distributor

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[78172-0002](#) [78172-0410](#) [78172-0410 \(Cut Strip\)](#) [78172-0410 \(Mouser Reel\)](#) [78172-0410 \(Loose Piece\)](#)