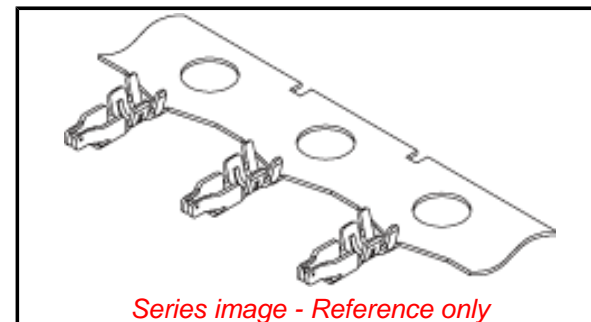


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**Part Number:** **0781720411**  
**Status:** **Active**  
**Overview:** Pico-EZmate™ Wire-to-Board Connector System  
**Description:** Pico-EZmate™ Wire-to-Board Crimp Terminal, Gold (Au) Flash over Nickel (Ni) Plated

**Documents:**

[Drawing \(PDF\)](#) [Application Specification AS-78172-006 \(PDF\)](#)  
[Product Specification PS-78171-010 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-78172-001 \(PDF\)](#)



**General**

Product Family	Crimp Terminals
Series	78172
Application	Signal
Crimp Quality Equipment	Yes
Overview	Pico-EZmate™ Wire-to-Board Connector System
Product Name	Pico-EZmate™
UPC	800756842936

**Physical**

Durability (mating cycles max)	10
Gender	Female
Material - Metal	Copper-Nickel-Silicon
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	18.300/mg
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.60mm and 0.70mm
Wire Size AWG	28, 30
Wire Size mm²	N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-78172-001, AS-78172-006
Crimp Specification	CS-78172-013
Product Specification	PS-78171-010, RPS-78171-007, RPS-78171-013, RPS-78172-003, RPS-78172-008
Sales Drawing	SD-78172-009

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/39/2015 (15 June  
2015)

**Halogen-Free**

**Status**

**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**

[78172](#) Series

**Mates With**

[78171](#) PCB Header

**Use With**

[78172](#) Crimp Receptacle Housings

**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 #
T2 Terminator for 1.20mm (.047") Pitch Pico-EZmate™ Wire-to-Board Crimp Terminal	0639125900

Hand Crimp Tool for Wire-to-Board Terminal, 28-30 AWG Wire for Loose Parts Only	<u>0638194300</u>
Hand Tool for 1.20mm Crimp Terminals, 30 AWG Wire for Reeled Product	<u>0638230100</u>
Extraction Tool	<u>0638132700</u>
Hand Tool for 1.20mm Crimp Terminals, 28 AWG Wire for Reeled Product	<u>0638194800</u>
FineAdjust™ Applicator for 1.20mm (.047") Pitch Pico-EZmate™ Wire-to-Board Crimp Terminal	<u>0639025900</u>

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