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**Part Number:** [78172-0410](#)  
**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	<a href="#">78172</a>
Application	Signal
Crimp Quality Equipment	Yes
Overview	<a href="#">Pico-EZmate™ Wire-to-Board Connector System</a>
Product Name	Pico-EZmate™
UPC	800756782744

**Physical**

Durability (mating cycles max)	10
Gender	Receptacle
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	58.000/mg
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.60mm and 0.58mm
Wire Size AWG	28, 30
Wire Size mm²	0.127 AND 0.102

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-78172-001, AS-78172-006
Crimp Specification	CS-78172-012, CS-78172-013
Product Specification	PS-78171-010, RPS-78172-003, RPS-78172-005, RPS-78172-006
Sales Drawing	SD-78172-008

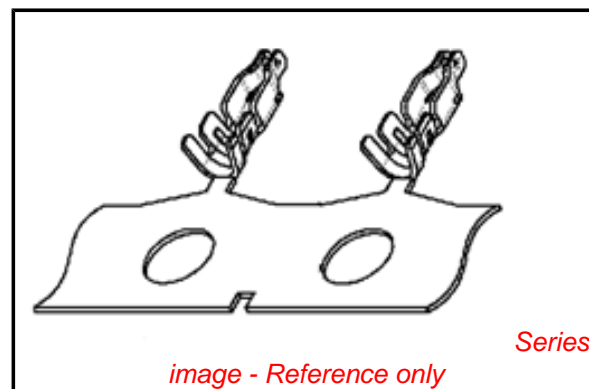


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**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

**Search Parts in this Series**

[78172Series](#)

**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 #
Hand Tool for 1.20mm Crimp Terminals, 28 AWG Wire for Reeled Product	<a href="#">0638194800</a>
Hand Tool for 1.20mm Crimp	<a href="#">0638230100</a>

Terminals, 30 AWG Wire for Reeled Product	
Hand Crimp Tool for Wire-to-Board Terminal, 28-30 AWG Wire for Loose Parts Only	<u>0638194300</u>
T2 Terminator for 1.20mm (.047") Pitch Pico-EZmate™ Wire-to-Board Crimp Terminal	<u>0639125900</u>
Fine Adjust Applicator for 1.20mm (.047") Pitch Pico-EZmate™ Wire- to- Board Crimp Terminal	<u>0639025900</u>
Extraction Tool	<u>0638132700</u>

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