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**Part Number:** [78172-0411](#)  
**Status:** **Active**  
**Overview:** [Pico-EZmate™](#)  
**Description:** 1.20mm Pitch Pico-EZmate™ Wire-to-Board Crimp Terminal, Gold (Au) Flash over Nickel (Ni) Plated, Lead free

**Documents:**

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

**Agency Certification**

CSA LR19980

**General**

Product Family	Crimp Terminals
Series	<a href="#">78172</a>
Application	Signal
Crimp Quality Equipment	Yes
Overview	<a href="#">Pico-EZmate™</a>
Product Name	Pico-EZmate™
UPC	800756842936

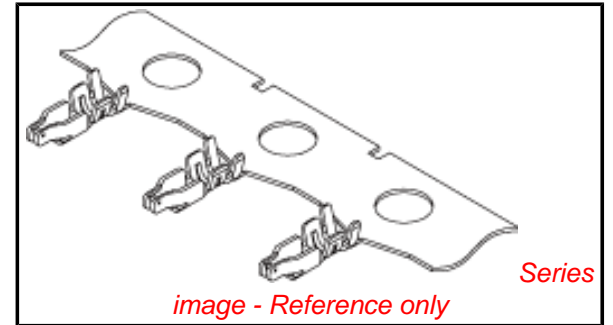
**Physical**

Durability (mating cycles max)	10
Gender	Receptacle
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
Product Specification	PS-78171-010, RPS-78171-007, RPS-78171-013, RPS-78172-003
Sales Drawing	SD-78172-009



**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 #
Extraction Tool	<a href="#">0638132700</a>
FineAdjust™	<a href="#">0639011300</a>
Applicator for 1.20mm Wire-to-Board Terminals	
T2 Terminator for 1.20mm, 28-30 AWG Wire	<a href="#">0639111300</a>

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, 28 AWG Wire for Reeled Product	<u>0638194800</u>
Hand Tool for 1.20mm Crimp Terminals, 30 AWG Wire for Reeled Product	<u>0638230100</u>

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