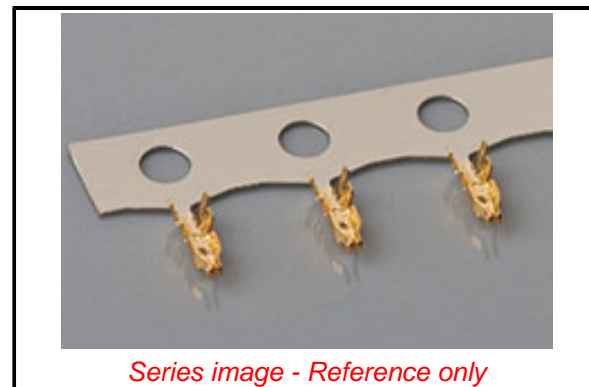


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**Part Number:** [0781720411](#)  
**Status:** **Active**  
**Overview:** Pico-EZmate and Pico-EZmate Plus Wire-to-Board Connector Systems  
**Description:** Pico-EZmate Female Crimp Terminal, Gold (Au) over Nickel Plating 0.10µm, 28-30 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-78172-001-001 (PDF)</a>
<a href="#">Product Specification 781720000-PS-000 (PDF)</a>	<a href="#">Application Specification AS-78172-006-001 (PDF)</a>
<a href="#">Product Specification 781720002-000 (PDF)</a>	<a href="#">Packaging Specification SPK-78172-003-001 (PDF)</a>
<a href="#">Product Specification 781721000-PS-000 (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 Plus Wire-to-Board Connector Systems</a>
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	5.440/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
Packaging Specification	SPK-78172-003-001
Product Specification	781720000-PS-000, 781720002-000, 781721000-PS-000
Sales Drawing	SD-78172-009-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[78172 Series](#)

**Use With**

[Receptacle Housing 78172](#)

**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 #
FA2 Mechanical Feed Crimp Applicator for 1.20mm Pitch Pico-EZmate Crimp Terminals, 28-30 AWG	<a href="#">2130694700</a>
Extraction and Activation Tool	<a href="#">638132700</a>
Hand Crimp Tool for Wire-to-Board	<a href="#">638194300</a>

Terminal, 28-30  
AWG Wire for Loose  
Parts Only  
Hand Tool for 638194800  
1.20mm Crimp  
Terminals, 28 AWG  
Wire for Reeled  
Product  
Hand Tool for 638230100  
1.20mm Crimp  
Terminals, 30 AWG  
Wire for Reeled  
Product  
T2 Terminator for 639125900  
1.20mm (.047")  
Pitch Pico-EZmate  
Wire-to-Board Crimp  
Terminal

**Japan**

<b>Description</b>	<b>Product #</b>
S-1 Applicator for Pico-EZmate Receptacle Terminals, 28-30 AWG	<u>5780593700</u>

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