



Part Number : [781720410](#)
Product Description : Pico-EZmate Female Crimp Terminal, Gold (Au) over Nickel Plating 0.10µm, 30-28 AWG, Reel
Series Number : 78172
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

[781720410 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[AS-78172-001-001.pdf](#)

[AS-78172-006-001.pdf](#)

[SPK-78172-003-001.pdf](#)

[781720000-PS-000.pdf](#)

[781721000-PS-000.pdf](#)

Tooling Specifications

[781720013-C00.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC

	(25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	78172
Description	Pico-EZmate Female Crimp Terminal, Gold (Au) over Nickel Plating 0.10µm, 30-28 AWG, Reel
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	Pico-EZmate
UPC	800756782744

Electrical

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

Physical

Durability (mating cycles max)	10
Gender	Female

Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	5.430/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 ²	0.055-0.089

Mates With / Use With

Use with Part(s)

Description	Part Number
Pico-EZmate Receptacle Housings and Terminals	<u>78172</u>

Application Tooling

Global

Description	Part Number
FA2 Mechanical Feed Crimp Applicator for 1.20mm Pitch Pico-EZmate Crimp Terminals, 30-28 AWG	<u>2130694700</u>
Hand Crimp Tool for 1.20mm Pitch Pico-EZmate Crimp Terminals, 30-28 AWG	<u>2133096500</u>
Extraction and Activation Tool	<u>638132700</u>
T2 Terminator for 1.20mm (.047") Pitch Pico-EZmate Wire-to-Board Crimp Terminal	<u>639125900</u>

Japan

Description	Part Number
S-1 Applicator for Pico-EZmate Receptacle Terminals, 30-28 AWG	<u>5780593700</u>

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