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Part Number: **0781720410**
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:

[Drawing \(PDF\)](#)
[Product Specification 781720000-PS-000 \(PDF\)](#)
[Product Specification 781721000-PS-000 \(PDF\)](#)
[Application Specification AS-78172-001-001 \(PDF\)](#)
[Application Specification AS-78172-006-001 \(PDF\)](#)
[Packaging Specification SPK-78172-003-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	78172
Application	Signal, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Pico-EZmate and Pico-EZmate Plus Wire-to-Board Connector Systems
Product Name	Pico-EZmate
UPC	800756782744

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

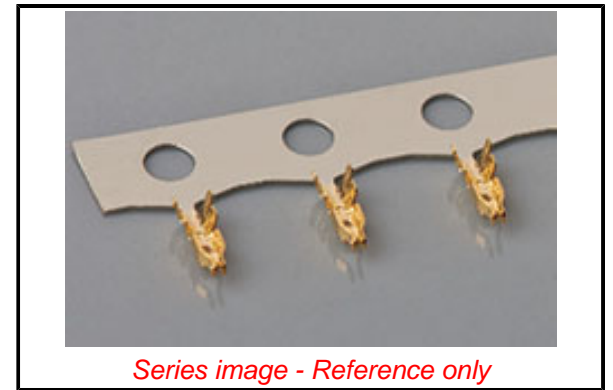
Electrical

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, 781721000-PS-000
Sales Drawing	SD-78172-008-001



Series image - Reference only

EU ELV

Compliant

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

Compliant

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	2130694700
Extraction and Activation Tool	638132700
Hand Crimp Tool for Wire-to-Board	638194300

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

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

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