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Part Number: **0781720410**
Status: **Active**
Overview: Pico-EZmate and Pico-EZmate Slim Wire-to-Board Connector Systems
Description: Pico-EZmate Female Crimp Terminal, Gold (Au) over Nickel Plating 0.10µm, 28-30 AWG, Reel

Documents:

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

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 Slim 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 19.360/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 mm² 0.055-0.089

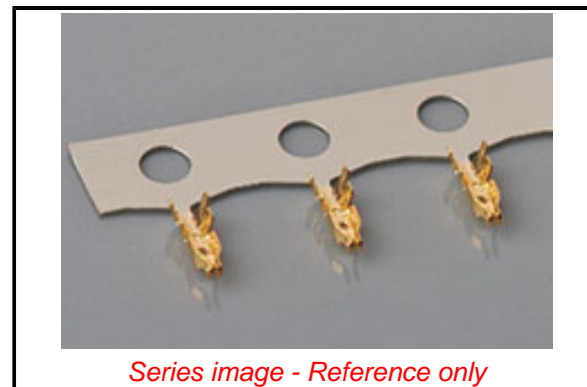
Electrical

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
Product Specification 781720000-PS-000
Sales Drawing SD-78172-008



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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 Pico-EZmate Wire-to-Board Crimp Terminals, 28-30 AWG | 2130691600 |
| 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 1.20mm Crimp Terminals, 28 AWG Wire for Reeled Product | <u>638194800</u> |
| Hand Tool for 1.20mm Crimp Terminals, 30 AWG Wire for Reeled Product | <u>638230100</u> |
| T2 Terminator for 1.20mm (.047") Pitch Pico-EZmate Wire-to-Board Crimp Terminal | <u>639125900</u> |
| Japan | |
| Description | Product # |
| S-1 Applicator for Pico-EZmate Receptacle Terminals, 28-30 AWG | <u>5780593700</u> |

This document was generated on 07/14/2020

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