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Part Number:

0781720411

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



Series image - Reference only

Documents:

- Drawing (PDF)

Product Specification 781720000-PS-000 (PDF)

Product Specification 781720002-000 (PDF)

Product Specification PS-78171-010-001 (PDF)
- Product Specification PS-78172-001-001 (PDF)

Application Specification AS-78172-001-001 (PDF)

Application Specification AS-78172-006-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Crimp Terminals

78172

Signal, Wire-to-Board, Wire-to-Wire

Yes

Pico-EZmate and Pico-EZmate Slim Wire-to-Board Connector Systems

Pico-EZmate

800756842936

Physical

Durability (mating cycles max)

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Packaging Type

Plating min - Mating

Plating min - Termination

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

10

Female

Copper-Nickel-Silicon

Gold

Gold

18.300/mg

Reel

0.100µm

0.100µm

Crimp or Compression

0.60-0.70mm

28, 30

0.055-0.089

Electrical

Current - Maximum per Contact

Voltage - Maximum

1.5A

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

Crimp Specification

Product Specification

AS-78172-001-001, AS-78172-006-001

781720013-C00

781720000-PS-000, 781720002-000,

PS-78171-010-001, PS-78172-001-001

SD-78172-009

Sales Drawing

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

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 #
Extraction and Activation Tool	638132700
Hand Crimp Tool for Wire-to-Board Terminal, 28-30 AWG Wire for Loose Parts Only	638194300
Hand Tool for 1.20mm Crimp Terminals, 28 AWG	638194800

Wire for Reeled Product Hand Tool for 1.20mm Crimp Terminals, 30 AWG	<u>638230100</u>
Wire for Reeled Product FineAdjust Applicator for 1.20mm (.047") Pitch Pico-EZmate Wire-to-Board Crimp Terminal T2 Terminator for 1.20mm (.047") Pitch Pico-EZmate Wire-to-Board Crimp Terminal	<u>639025900</u> <u>639125900</u>
Japan	
Description	Product #
S-1 Applicator for Pico-EZmate Receptacle Terminals, 28-30 AWG	<u>5780593700</u>

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Mouser Electronics

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Molex:

[78172-0411](#) [78172-0411 \(Mouser Reel\)](#) [78172-0411 \(Cut Strip\)](#) [78172-0411 \(Loose Piece\)](#)