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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



Series image - Reference only

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 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
Packaging Specification	SPK-78172-003-001
Product Specification	781720000-PS-000, 781721000-PS-000
Sales Drawing	SD-78172-008-001

EU ELV

Compliant

EU RoHS

Compliant

China RoHS

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	Green Image
ELV	Compliant
RoHS Phthalates	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 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>

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