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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

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

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 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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Molex:

[78172-0410](#) [78172-0410 \(Cut Strip\)](#) [78172-0410 \(Mouser Reel\)](#) [78172-0410 \(Loose Piece\)](#)