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Part Number:

0781720410

Status:

Active

Overview:

Pico-EZmate™ Wire-to-Board Connector System

Description:

Pico-EZmate™ Wire-to-Board Crimp Terminal, Gold (Au) Flash over Nickel (Ni) Plated

Documents:

Drawing (PDF)

Product Specification PS-78171-010 (PDF)

Application Specification AS-78172-001 (PDF)

Application Specification AS-78172-006 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Product Name

UPC

Crimp Terminals

78172

Signal

Yes

Pico-EZmate™ Wire-to-Board Connector System

Pico-EZmate™

800756782744

Physical

Durability (mating cycles max)

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Packaging Type

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

10

Female

Phosphor Bronze

Gold

Gold

58.000/mg

Reel

Crimp or Compression

0.60mm and 0.58mm

28, 30

0.127 AND 0.102

Electrical

Current - Maximum per Contact

Voltage - Maximum

1.5A

50V AC/DC

Material Info

Reference - Drawing Numbers

Application Specification

Crimp Specification

Product Specification

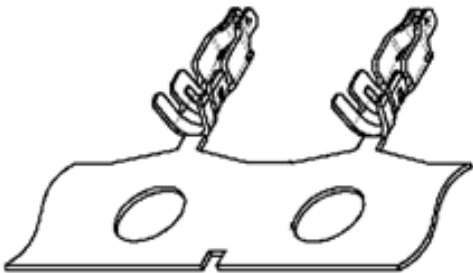
Sales Drawing

AS-78172-001, AS-78172-006

CS-78172-012, CS-78172-013

PS-78171-010, RPS-78172-003, RPS-78172-005, RPS-78172-006

SD-78172-008



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

78172 Series

Mates With

78171 PCB Header

Use With

78172 Crimp Receptacle Housings

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 #
T2 Terminator for 1.20mm (.047") Pitch Pico-EZmate™ Wire-to-Board Crimp Terminal	0639125900

Hand Crimp Tool for Wire-to-Board Terminal, 28-30 AWG Wire for Loose Parts Only	<u>0638194300</u>
FineAdjust™ Applicator for 1.20mm (.047") Pitch Pico-EZmate™ Wire-to-Board Crimp Terminal	<u>0639025900</u>
Extraction Tool	<u>0638132700</u>
Hand Tool for 1.20mm Crimp Terminals, 28 AWG Wire for Reeled Product	<u>0638194800</u>
Hand Tool for 1.20mm Crimp Terminals, 30 AWG Wire for Reeled Product	<u>0638230100</u>

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