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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)	Application Specification AS-78172-001 (PDF)
Product Specification 781720001 (PDF)	Application Specification AS-78172-006 (PDF)
Product Specification PS-78171-010 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	78172
Application	Signal
Crimp Quality Equipment	Yes
Overview	Pico-EZmate™ Wire-to-Board Connector System
Product Name	Pico-EZmate™
UPC	800756782744

Physical

Durability (mating cycles max)	10
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	58.000/mg
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.60mm and 0.58mm
Wire Size AWG	28, 30
Wire Size mm ²	0.102-0.127

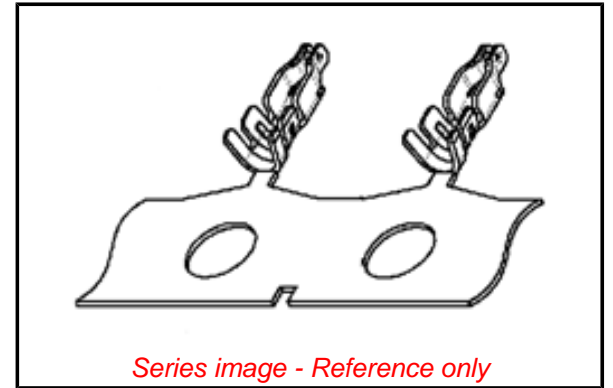
Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	50V AC/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-78172-001, AS-78172-006
Crimp Specification	CS-78172-012, CS-78172-013
Product Specification	781720001, PS-78171-010, RPS-78172-003, RPS-78172-005, RPS-78172-006
Sales Drawing	SD-78172-008



EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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
ELV

Green Image
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 #

FineAdjust™
Applicator for
1.20mm (.047")
Pitch Pico-EZmate™

0639025900

Wire-to-Board Crimp
Terminal
T2 Terminator for 0639125900
1.20mm (.047")
Pitch Pico-EZmate™
Wire-to-Board Crimp
Terminal
Hand Crimp Tool 0638194300
for Wire-to-Board
Terminal, 28-30
AWG Wire for Loose
Parts Only
Hand Tool for 0638230100
1.20mm Crimp
Terminals, 30 AWG
Wire for Reeled
Product
Extraction Tool 0638132700
Hand Tool for 0638194800
1.20mm Crimp
Terminals, 28 AWG
Wire for Reeled
Product

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