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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-78172-006 \(PDF\)](#)
[Product Specification PS-78171-010 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-78172-001 \(PDF\)](#)

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	41.667/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

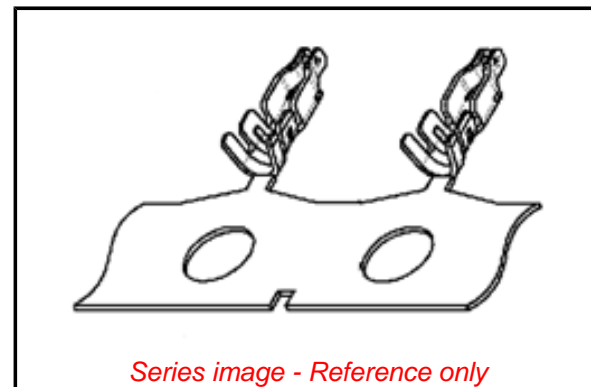
Electrical

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	PS-78171-010, RPS-78172-003, RPS-78172-005, RPS-78172-006
Sales Drawing	SD-78172-008



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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