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Part Number: **0781720411**
Status: **Active**
Overview: Pico-EZmate and Pico-EZmate Slim Wire-to-Board Connector Systems
Description: Pico-EZmate Female Crimp Terminal, Gold (Au) over Nickel Plating 0.10µm, 28-30 AWG, Reel

Documents:

Drawing (PDF)	Application Specification AS-78172-001-001 (PDF)
Product Specification 781720000-PS-000 (PDF)	Application Specification AS-78172-006-001 (PDF)
Product Specification 781720002-000 (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 Slim Wire-to-Board Connector Systems
Product Name	Pico-EZmate
UPC	800756842936

Physical

Durability (mating cycles max)	10
Gender	Female
Material - Metal	Copper-Nickel-Silicon
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	18.300/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 mm ²	0.055-0.089

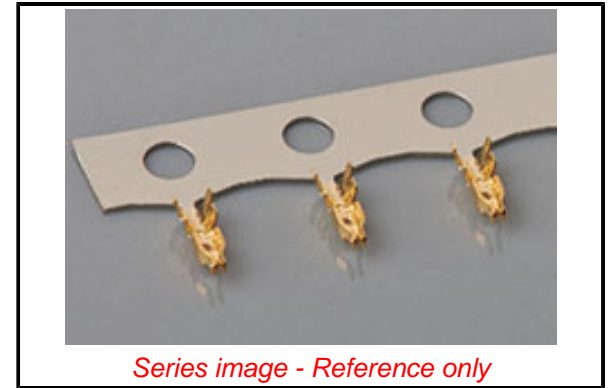
Electrical

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
Product Specification	781720000-PS-000, 781720002-000
Sales Drawing	SD-78172-009



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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 #
Extraction and Activation Tool	638132700
Hand Crimp Tool for Wire-to-Board Terminal, 28-30 AWG Wire for Loose Parts Only	638194300
Hand Tool for 1.20mm Crimp Terminals, 28 AWG	638194800

Wire for Rееled
Product
Hand Tool for 638230100
1.20mm Crimp
Terminals, 30 AWG
Wire for Rееled
Product
T2 Terminator for 639125900
1.20mm (.047")
Pitch Pico-EZmate
Wire-to-Board Crimp
Terminal

Japan

Description **Product #**

S-1 Applicator 5780593700
for Pico-EZmate
Receptacle
Terminals, 28-30
AWG

This document was generated on 07/17/2020

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