



Part Number : 781720411

Series Number : 78172
Product Category : Crimp Terminals

Product Description : Pico-EZmate Female
Crimp Terminal, Gold (Au) over Nickel Plating
0.10µm, 28-30 AWG, Reel
Status : Active

Documents & Resources

Drawings
Drawing 781720411_sd.pdf


3D Models and Design Files
3D Model 781720411_stp.zip

Specifications
Application Specification AS-78172-001-001.pdf
Application Specification AS-78172-006-001.pdf
Packaging Specification SPK-78172-003-001.pdf
Product Specification 781720000-PS-000.pdf
Product Specification 781720002-000.pdf
Product Specification 781721000-PS-000.pdf

Tooling Specifications
Crimp Specification 781720013-C00.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements
- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	78172
Description	Pico-EZmate Female Crimp Terminal, Gold (Au) over Nickel Plating 0.10µm, 28-30 AWG, Reel
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Family	Pico-EZmate and Pico-EZmate Plus Wire-to-Board Connector Systems
Product Name	Pico-EZmate
UPC	800756842936

Electrical

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

Physical

Durability (mating cycles max)	10
Gender	Female
Material - Metal	Copper-Nickel-Silicon
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	5.440/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

Use with Part(s)

Description	Part Number
Pico-EZmate Receptacle Housings and Terminals	<u>78172</u>

Application Tooling

Global

Description	Part Number
FA2 Mechanical Feed Crimp Applicator for 1.20mm Pitch Pico-EZmate Crimp Terminals, 28-30 AWG	<u>2130694700</u>
Hand Crimp Tool for 1.20mm Pitch Pico-EZmate Crimp Terminals, 28-30 AWG	<u>2133096500</u>
Extraction and Activation Tool	<u>638132700</u>
T2 Terminator for 1.20mm (.047") Pitch Pico-EZmate Wire-to-Board Crimp Terminal	<u>639125900</u>

Application Tooling

Japan

Description	Part Number
S-1 Applicator for Pico-EZmate Receptacle Terminals, 28-30 AWG	<u>5780593700</u>