



Part Number : 781710005

Series Number : 78171

Product Category : PCB Headers and Receptacles

Product Description : 1.20mm Pitch, Pico-EZmate PCB Header, Single Row, Gold Plating, Friction Lock, 5 Circuits, Tape and Reel

Status : Active

Documents & Resources

Drawings

Drawing 781710005\_sd.pdf

3D Models and Design Files

2D Drawing DXF 781710005.dxf

2D Drawing DXF (PDF) 781710005.pdf

3D Model 781710005\_stp.zip

Specifications

Application Specification AS-78172-006-001.pdf


Packaging Specification SPK-78171-001-001.pdf

Product Specification 781720000-PS-000.pdf

Product Specification 781721000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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	PCB Headers and Receptacles
Series	78171
Description	1.20mm Pitch, Pico-EZmate PCB Header, Single Row, Gold Plating, Friction Lock, 5 Circuits, Tape and Reel
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Pico-EZmate and Pico-EZmate Plus Wire-to-Board Connector Systems
Product Name	Pico-EZmate
UPC	883906040895

#### Agency

UL	E29179
----	--------

#### Electrical

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

#### Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	10
First Mate / Last Break	No

Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	1.55mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	37.220/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	1.20mm
Pitch - Termination Interface	1.20mm
Plating min - Mating	0.100µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

---

## Mates With / Use With

### Mates with Part(s)

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