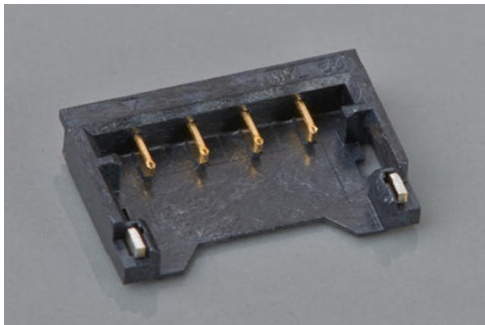




Part Number : [781710003](#)
Product Description : 1.20mm Pitch, Pico-EZmate
PCB Header, Single Row, Gold Plating, Friction Lock, 3
Circuits, Tape and Reel
Series Number : 78171
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[781710003 sd.pdf](#)

3D Models and Design Files

[781710003.dxf](#)

[781710003 stp.zip](#)

Specifications

[AS-78172-006-001.pdf](#)


[SPK-78171-001-001.pdf](#)

[781720000-PS-000.pdf](#)

[781721000-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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, 3 Circuits, Tape and Reel
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Pico-EZmate
UPC	800756654645

Agency

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

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	3

Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	10
First Mate / Last Break	No
Flammability	94V-0
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	26.700/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
Plating min - Termination	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	<u>78172</u>

