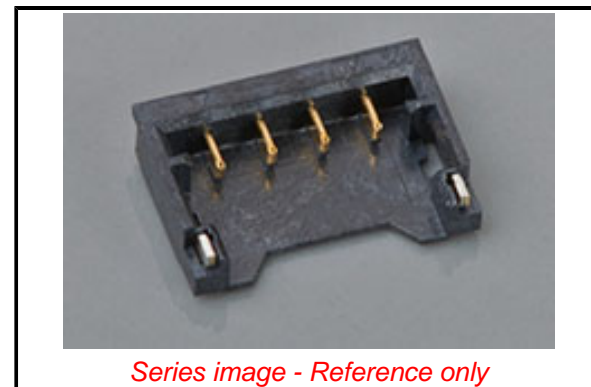


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0781710003](#)  
**Status:** **Active**  
**Overview:** Pico-EZmate and Pico-EZmate Slim Wire-to-Board Connector Systems  
**Description:** 1.20mm Pitch, Pico-EZmate PCB Header, Single Row, Gold Plating, Friction Lock, 3 Circuits, Tape and Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-78172-006-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification SPK-78171-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 781720000-PS-000 (PDF)</a>	



*Series image - Reference only*

**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">78171</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Pico-EZmate and Pico-EZmate Slim Wire-to-Board Connector Systems</a>
Product Name	Pico-EZmate
UPC	800756654645

**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	26.157/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
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
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 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**

[78171 Series](#)

**Mates With**

PicoEZmate Housing and Terminal [78172](#)

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

1.5A  
50V AC/DC

**Material Info****Reference - Drawing Numbers**

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

AS-78172-006-001  
SPK-78171-001-001  
781720000-PS-000  
SD-78171-008

This document was generated on 04/20/2020

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