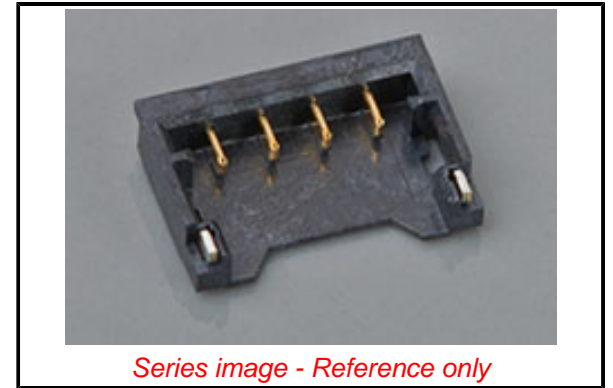


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0781715007](#)  
**Status:** **Active**  
**Overview:** Pico-EZmate and Pico-EZmate Plus Wire-to-Board Connector Systems  
**Description:** 1.20mm Pitch, Pico-EZmate PCB Header, Single Row, Gold Plating, Friction Lock, 7 Circuits, Tape and Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification 781721000-PS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Application Specification AS-78172-001-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification SPK-78171-002-001 (PDF)</a>
<a href="#">Product Specification 781720000-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	PCB Headers
Series	<a href="#">78171</a>
Application	Signal, Wire-to-Board
Overview	<u>Pico-EZmate and Pico-EZmate Plus Wire-to-Board Connector Systems</u>
Product Name	Pico-EZmate
UPC	883906188566

**Physical**

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
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	1.65mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	42.000/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

**Electrical**

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

**Material Info**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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](#)

**Reference - Drawing Numbers**

Application Specification

AS-78172-001-001

Packaging Specification

SPK-78171-002-001

Product Specification

781720000-PS-000, 781721000-PS-000

Sales Drawing

781715007-000, 781716007-000

This document was generated on 10/05/2021

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