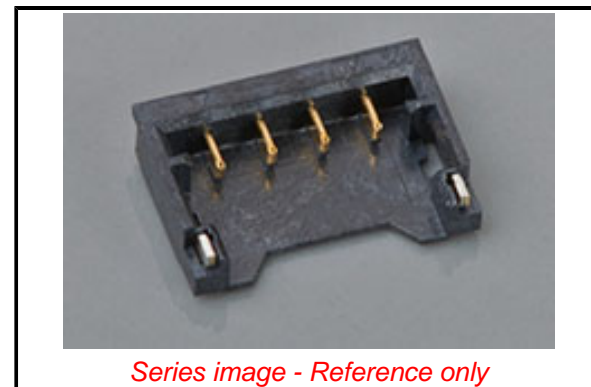


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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:

Drawing (PDF)	Application Specification AS-78172-006-001 (PDF)
3D Model	Packaging Specification SPK-78171-001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 781720000-PS-000 (PDF)	



Series image - Reference only

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	78171
Application	Signal, Wire-to-Board
Overview	Pico-EZmate and Pico-EZmate Slim Wire-to-Board Connector Systems
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	26.700/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 -
D(2020)4578-DC (25
June 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 07/16/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION