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**Part Number:** [0781710003](#)  
**Status:** **Active**  
**Overview:** Pico-EZmate and Pico-EZmate Slim Wire-to-Board Connector Systems  
**Description:** Pico-EZmate Wire-to-Board Header, Vertical, Housing Height 1.55mm, with Side Friction Locks, 3 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-78172-006-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-78171-001-001 (PDF)</a>
<a href="#">Product Specification PS-78171-010-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**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

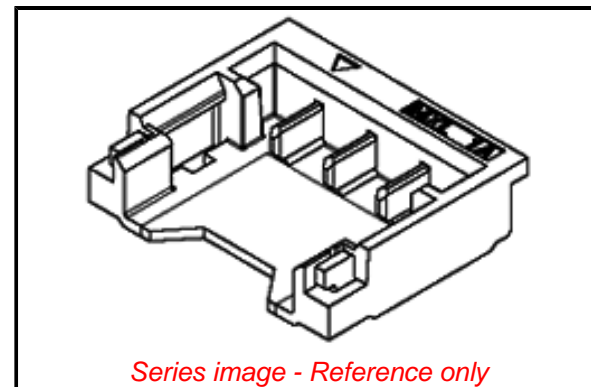
**Physical**

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	10
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
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
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-25°C to +85°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  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[78171 Series](#)

**Mates With**

PicoEZmate Housing and Terminal [78172](#)

**Reference - Drawing Numbers**

Application Specification

AS-78172-006-001

Packaging Specification

SPK-78171-001-001

Product Specification

PS-78171-010-001

Sales Drawing

SD-78171-008

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