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**Part Number:** [78171-0002](#)  
**Status:** **Active**  
**Overview:** Pico-EZmate™ Wire-to-Board Connector System  
**Description:** Pico-EZmate™ Wire-to-Board Header, Vertical, Housing Height: 1.55mm, with side-Friction Locks, 2 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-78172-006 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-78171-001 (PDF)</a>
<a href="#">Product Specification PS-78171-010 (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™ Wire-to-Board Connector System</a>
Product Name	Pico-EZmate™
UPC	800756654638

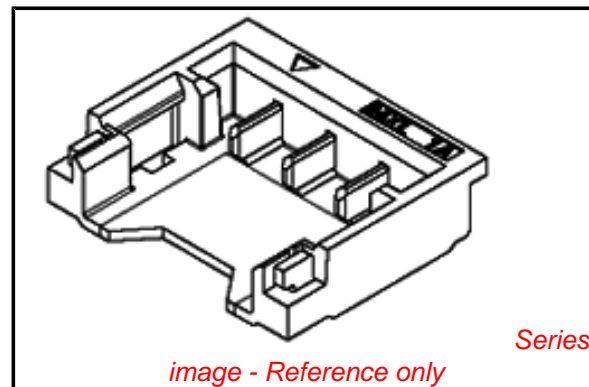
**Physical**

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	10
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	1.55mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	22.795/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 RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[78171Series](#)

**Mates With**

[78172 Crimp Housing and Terminal](#)

## Reference - Drawing Numbers

Application Specification

Packaging Specification

Product Specification

Sales Drawing

AS-78172-006

SPK-78171-001

PS-78171-010, RPS-78171-006, RPS-78171-007,  
RPS-78171-011, RPS-78171-012, RPS-78172-005,  
RPS-78172-006

SD-78171-002, SD-78171-008, SD-78172-001

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