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**Part Number:** [0781715006](#)  
**Status:** **Active**  
**Overview:** [Pico-EZmate™ Wire-to-Board Connector System](#)  
**Description:** Pico-EZmate Wire-to-Board Header, Vertical, Housing Height 1.65mm, with Side Friction Locks, 6 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-78171-002-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-78172-001-001 \(PDF\)](#)

**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	883906188511

**Physical**

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	10
Glow-Wire Compliant	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	149.000/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
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

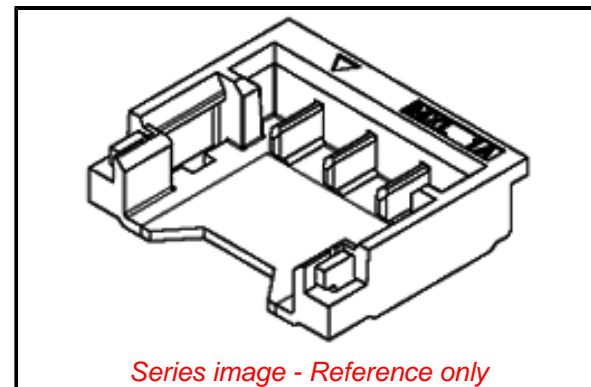
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-78171-002-001
Product Specification	PS-78172-001-001
Sales Drawing	781715007-000, 781716007-000



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[78171](#) Series

**Mates With**

PicoEZmate Housing and Terminal [78172](#)

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