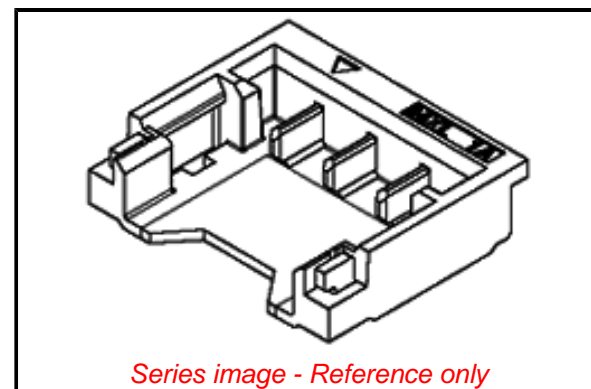


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Part Number: [0781710002](#)
Status: **Active**
Overview: [Pico-EZmate™ Wire-to-Board Connector System](#)
Description: [Pico-EZmate™ Wire-to-Board Header, Vertical, Housing Height: 1.55mm, with side-Friction Locks, 2 Circuits](#)

Documents:

3D Model	Application Specification AS-78172-006-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-78171-001-001 (PDF)
Product Specification PS-78171-010-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-78172-001-001 (PDF)	



Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	78171
Application	Signal, Wire-to-Board
Overview	Pico-EZmate™ Wire-to-Board Connector System
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 ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

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

Email 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

[78172](#) Crimp Housing and Terminal

Reference - Drawing Numbers

Application Specification

AS-78172-006-001

Packaging Specification

SPK-78171-001-001

Product Specification

PS-78171-010-001, PS-78172-001-001

Sales Drawing

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

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