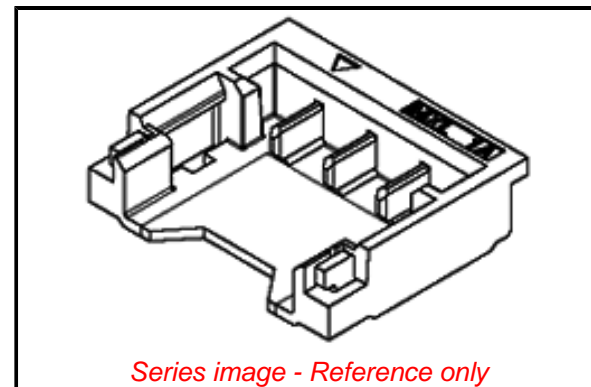


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Part Number: [0781710003](#)
Status: **Active**
Overview: [Pico-EZmate™ Wire-to-Board Connector System](#)
Description: [Pico-EZmate™ Wire-to-Board Header, Vertical, Housing Height: 1.55mm, with side-Friction Locks, 3 Circuits](#)

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-78172-006 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-78171-001 (PDF) |
| Product Specification PS-78171-010 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-78172-001 (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 | 800756654645 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 3 |
| Circuits (maximum) | 3 |
| 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 | 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/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

Packaging Specification

Product Specification

Sales Drawing

AS-78172-006

SPK-78171-001

PS-78171-010, PS-78172-001, RPS-78171-006,

RPS-78171-007, RPS-78171-011, RPS-78171-012,

RPS-78171-013

SD-78171-008

This document was generated on 10/20/2016

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