

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [78171-0004](#)
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, 4 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) |

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 | 800756654652 |

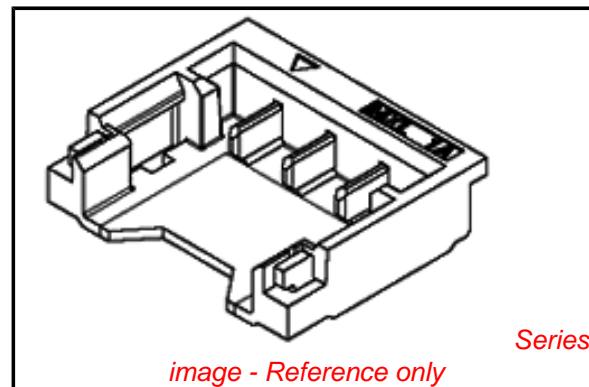
Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| 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 | 117.000/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



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
 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-78171-011,

RPS-78171-012

SD-78171-008

This document was generated on 02/02/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION