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Part Number: [0781710002](#)
Status: **Active**
Overview: Pico-EZmate and Pico-EZmate Slim Wire-to-Board Connector Systems
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) |

Agency Certification

UL E29179

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 78171 |
| Application | Signal, Wire-to-Board |
| Overview | Pico-EZmate and Pico-EZmate Slim Wire-to-Board Connector Systems |
| Product Name | Pico-EZmate |
| UPC | 800756654638 |

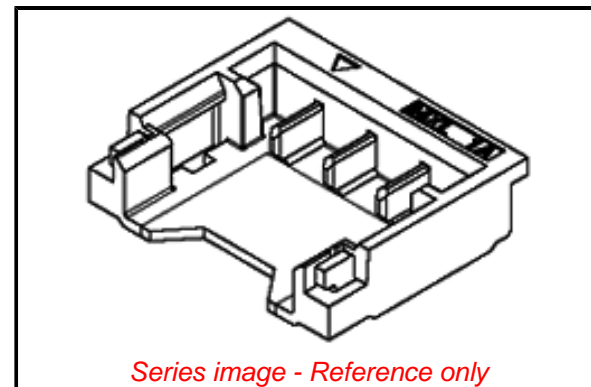
Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | Black |
| Durability (mating cycles max) | 10 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| 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° 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/61/2018 (27 June 2018)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[78171 Series](#)

Mates With

PicoEZmate Housing and Terminal [78172](#)

Reference - Drawing Numbers

Application Specification

AS-78172-006-001

Packaging Specification

SPK-78171-001-001

Product Specification

PS-78171-010-001

Sales Drawing

SD-78171-008, SD-78172-001

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