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Part Number: [78171-0003](#)
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, Lead-Free](#)

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	800756654645

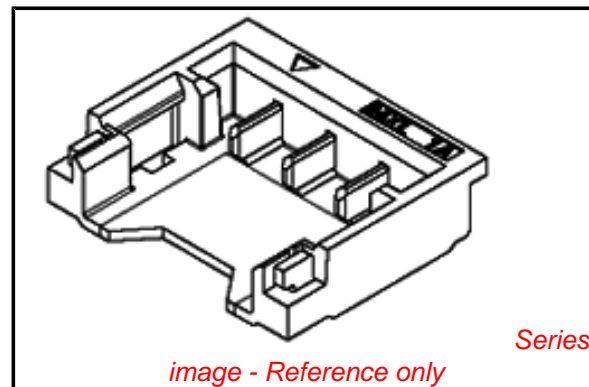
Physical

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 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-78171-007,

RPS-78171-011, RPS-78171-012, RPS-78171-013

SD-78171-008

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