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Part Number: [78171-5007](#)
Status: **Active**
Overview: Pico- EZmate™ Wire-to-Board Connector System
Description: Pico-EZmate™ Wire-to-Board Header, Vertical, Housing Height: 1.65mm, with side-Friction Locks, 7 Circuits, Lead-Free

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

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	883906188566

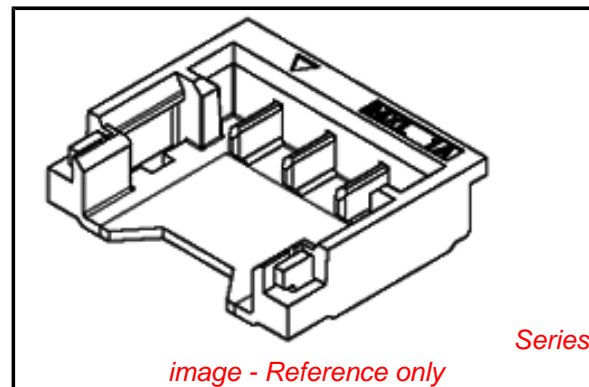
Physical

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Black
Durability (mating cycles max)	10
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	42.000/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



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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](#)