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Part Number: [0781715006](#)
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, 6 Circuits](#)

Documents:

3D Model	Product Specification PS-78172-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-78171-002 (PDF)
Product Specification 781720001 (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	883906188511

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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
Mated Height	1.65mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	149.000/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

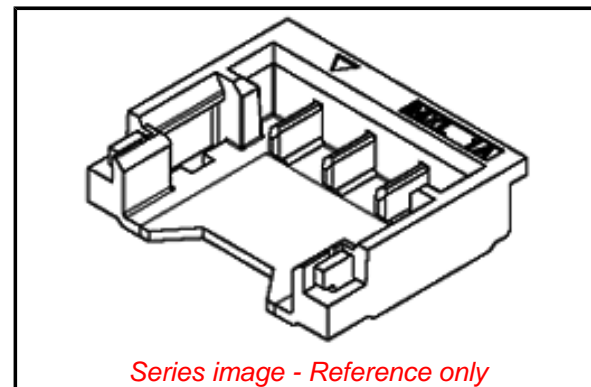
Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	50V AC/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-78171-002
Product Specification	781720001, PS-78172-001
Sales Drawing	SD-78171-001, SD-78171-002



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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

ELV

Green Image

Not Relevant

Search Parts in this Series

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Mates With

[78172 Crimp Housing and Terminal](#)

This document was generated on 02/03/2016

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