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**Part Number:** [0781710004](#)  
**Status:** **Active - Custom**  
**Overview:** [Pico-EZmate#153](#)  
**Description:** 1.20mm (.047") Pitch Pico-EZmate™ Wire-to-Board Header, Vertical, Housing Height: 1.40mm (.055"), with side-Friction Locks, 4 Circuits, Lead-free

**Documents:**

[3D Model](#) [Product Specification PS-78171-010 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">78171</a>
Application	Wire-to-Board
Overview	<a href="#">Pico-EZmate#153</a>
Product Name	Pico-EZmate™

**Physical**

Breakaway	No
Circuits (Loaded)	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 (in)	0.055 In
Mated Height (mm)	1.40 mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.047 In
Pitch - Mating Interface (mm)	1.20 mm
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

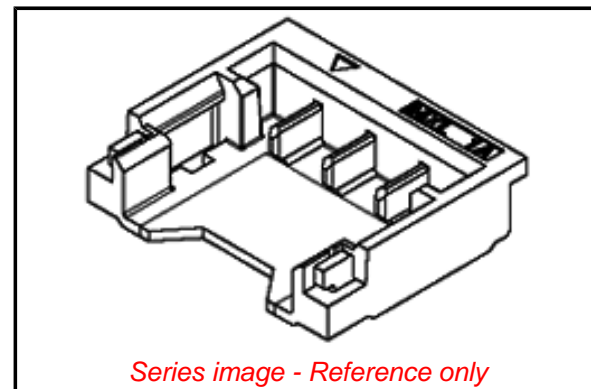
**Electrical**

Current - Maximum	1.5A
UL	E29179
Voltage - Maximum	50V AC/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-78171-010
Product Specification	RPS-78171-006
Sales Drawing	SD-78171-008



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Halogen-Free  
Status  
Not Reviewed**

**China RoHS**



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[78171 Series](#)

**Mates With**

[78172 Crimp Housing&Terminal](#)

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