



Part Number : [781720003](#)

Product Description : 1.20mm Pitch Pico-EZmate Receptacle Crimp Housing, Single Row, Friction Lock, 3 Circuits, Black

Series Number : 78172

Status : Active

Product Category : Connector Housings

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## Documents & Resources

### Drawings

[Drawing 781720003\\_sd.pdf](#)

### 3D Models and Design Files

[2D Drawing DXF 781720003.dxf](#)

[2D Drawing DXF \(PDF\) 781720003.pdf](#)

[3D Model 781720003\\_stp.zip](#)

### Specifications

[Application Specification AS-78172-006-001.pdf](#)

[Packaging Specification SPK-78172-001-001.pdf](#)


[Product Specification 781720000-PS-000.pdf](#)

[Product Specification 781721000-PS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

### [Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

### [Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Connector Housings
Series	78172
Description	1.20mm Pitch Pico-EZmate Receptacle Crimp Housing, Single Row, Friction Lock, 3 Circuits, Black
Application	Signal, Wire-to-Board
Product Family	Pico-EZmate and Pico-EZmate Plus Wire-to-Board Connector Systems
Product Name	Pico-EZmate
UPC	800756654676

### Agency

CSA	LR19980
UL	E29179

### Physical

Breakaway	No
Circuits (maximum)	3
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Liquid Crystal Polymer
Net Weight	13.000/mg
Number of Rows	1

Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	1.20mm
Pitch - Termination Interface	1.20mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Pico-EZmate Single Row Headers	<u>78171</u>

### Use with Part(s)

Description	Part Number
Pico-EZmate Female Crimp Terminal, Gold (Au) over Nickel Plating 0.10µm, 30-28 AWG, Reel	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/781720410.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/781720410.html</a></u>