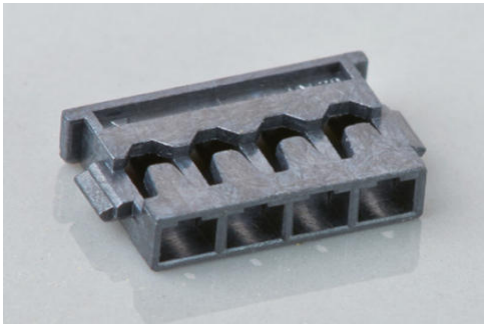
molex



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

Documents & Resources

Drawings

781720003_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

781720003.dxf

Specifications

AS-78172-006-001.pdf

SPK-78172-001-001.pdf

781720000-PS-000.pdf

781721000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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 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

Mates With / Use With

Mates with Part(s)

Description	Part Number
Pico-EZmate Single Row Headers	78171

Use with Part(s)

Description	Part Number
Pico-EZmate Female Crimp Terminal, Gold (Au) over Nickel Plating 0.10µm, 30-28 AWG, Reel	781720410
Pico-EZmate Female Crimp Terminal, Gold (Au) over Nickel Plating 0.10µm, 30-28 AWG, Reel	781720411