molex

Part Number : 781720005

Product Description : 1.20mm Pitch Pico-EZmate Receptacle Crimp Housing, Single Row, Friction Lock, 5 Circuits, Black

Series Number : 78172

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings
Drawing_781720005_sd.pdf

3D Models and Design Files
2D Drawing DXF_781720005.dxf
2D Drawing DXF (PDF)_781720005.pdf
3D Model_781720005_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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	♻
EU ELV	Compliant per 2000/53/EC
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

Part Details

General

Status	Active
Category	Connector Housings
Series	78172
Description	1.20mm Pitch Pico-EZmate Receptacle Crimp Housing, Single Row, Friction Lock, 5 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	883906045128

Agency

CSA	LR19980
UL	E29179

Physical

Breakaway	No
Circuits (maximum)	5
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	15.000/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, 28-30 AWG, Reel	781720410

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