



Part Number : 2082940020

Series Number : 208294

Product Category : PCB Headers and Receptacles

Product Description : Pico-EZmate HC PCB Header, 1.80mm Pitch, Single Row, Gold (Au) Plating, 2 Circuits

Status : Active

Documents & Resources

Drawings

Drawing 2082940020_sd.pdf

3D Models and Design Files

- 2D Drawing DXF 2082940020.dxf
- 2D Drawing DXF (PDF) 2082940020.pdf
- 3D Model 2082940020_stp.zip

Specifications

- Application Specification 2082980000-PS-000.pdf
- Packaging Specification 2082949200-SPK-200.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	208294
Description	Pico-EZmate HC PCB Header, 1.80mm Pitch, Single Row, Gold (Au) Plating, 2 Circuits
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Pico-EZmate and Pico-EZmate Plus Wire-to-Board Connector Systems
Product Name	Pico-EZmate HC
UPC	195842849044

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	5.0A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No

Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Polyamide
Net Weight	37.700/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	1.80mm
Plating min - Mating	0.100µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
Pico-EZmate HC Single Row Receptacle Housings	<u>208298</u>