Part Number : 2165712002
Product Description : Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Single Row, 2 Circuits, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black
Series Number : 216571
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

2165712002_sd.pdf

2165710002-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

2064600001-AS-000.pdf

2064600000-PS-000.pdf

2064600001-TS-000.pdf

2157590005-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

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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	PCB Headers and Receptacles
Series	216571
Description	Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Single Row, 2 Circuits, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black
Application	Wire-to-Board
Component Type	PCB Header
Product Name	Micro-Fit+
UPC	193264926763

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	12.5A
Voltage - Maximum	600V AC (RMS)/DC

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Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Gender	Male
Glow-Wire Capable	Yes
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Mounting Style	Through Hole
Net Weight	0.351/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
PC Tail Length	3.18mm
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Plating min - Mating	0.381µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Shrouded
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	30

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Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit+ Single Row Receptacle Housings	215759

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