Part Number : 2165711004
Product Description : Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Single Row, 4 Circuits, Matte Tin (Sn) Plating, Glow-Wire Capable, Black
Series Number : 216571
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings
2165711004_sd.pdf
2165710002-PK-000.pdf

3D Models and Design Files
2165711004_stp.zip

Specifications
2064600001-AS-000.pdf
2064600000-PS-000.pdf
2064600001-TS-000.pdf
2157590005-TS-000.pdf

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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	216571
Description	Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Single Row, 4 Circuits, Matte Tin (Sn) Plating, Glow-Wire Capable, Black
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	Micro-Fit+
UPC	193264921683

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No

Flammability	94V-0
Glow-Wire Capable	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	High Copper Alloy
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.647/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.18mm
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	30
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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Global Electronic Components Distributor

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molex:

759001161 152670357 190730231 190990009 447642001 0436400901 190990010 447641402
760475001 459705185 0190690033 151660057 152660117 152670251 0436802002 190670071
190690096 417920538 0190700155 152670269 398800403 436803002 447691602 430450225
439151216 5046940301 151670255 397730002 430451220 444280402