



Part Number : [2217510121](#)

Product Description : Micro-Fit+ OCP M-PIC 12V Right-Angle Header, Through Hole, 3.00mm Pitch, 3 Rows, 24 Circuits (12 Power, 12 Signal), 3.18mm Tail Length, Matte Tin (Sn) Plating, Black, Tape and Reel

Series Number : 221751

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[2217510121 sd.pdf](#)

[2217510001-PK-000.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[2217510001-AS-000.pdf](#)

[2217510001-PS-000.pdf](#)

[2217510001-TS-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)7771-DC (04 Feb 2026)
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	PCB Headers and Receptacles
Series	221751
Description	Micro-Fit+ OCP M-PIC 12V Right-Angle Header, Through Hole, 3.00mm Pitch, 3 Rows, 24 Circuits (12 Power, 12 Signal), 3.18mm Tail Length, Matte Tin (Sn) Plating, Black, Tape and Reel
Application	Power, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Micro-Fit+ OCP M-PIC
UPC	198282687757

Electrical

Current - Maximum per Contact	12.0A (Power), 1.0A (Signal)
Voltage - Maximum	250V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	24

Circuits (maximum)	24
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	Yes
Glow-Wire Capable	No
Keying to Mating Part	No
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 (LCP)
Net Weight	2.270/g
Number of Rows	3
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
PC Tail Length	3.18mm
Pitch - Mating Interface	3.00mm, 1.50mm
Pitch - Termination Interface	3.00mm, 1.50mm
Plating min - Mating	1.524µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	12p - 12s
Shrouded	Shrouded
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit+ OCP M-PIC Three Row Receptacle Housings	<u>221626</u>

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