



Part Number : [2217510061](#)
Product Description : Micro-Fit+ OCP M-PIC 12V Right-Angle Header, Through Hole, 3.00mm Pitch, 3 Rows, 12 Circuits (6 Power, 6 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

- [2217510061 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, 12 Circuits (6 Power, 6 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	198282687733

Electrical

Current - Maximum per Contact	13.5A (Power), 1.0A (Signal)
Voltage - Maximum	250V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	12

Circuits (maximum)	12
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	1.310/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	6p - 6s
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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