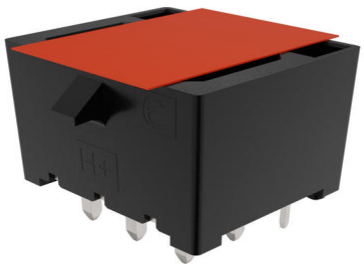
Part Number : 2215910061
Product Description : Micro-Fit+ OCP M-PIC 12V Vertical Header, Through Hole, 3.00mm Pitch, 12 Circuits (6 Power, 6 Signal), Matte Tin (Sn) Plating, Black, Tape and Reel
Series Number : 221591
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

2215910061_sd.pdf

2215910001-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

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- 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	221591
Description	Micro-Fit+ OCP M-PIC 12V Vertical Header, Through Hole, 3.00mm Pitch, 12 Circuits (6 Power, 6 Signal), Matte Tin (Sn) Plating, Black, Tape and Reel
Application	Wire-to-Board
Component Type	PCB Header
Product Name	Micro-Fit+ OCP M-PIC
UPC	198282687689

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	14.0A
Voltage - Maximum	250V AC / 250V DC

Physical

Breakaway	No

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Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	Yes
Flammability	94V-0
Gender	Male
Glow-Wire Capable	No
Keying to Mating Part	No
Length	10.85mm
Lock to Mating Part	Yes
Locking Type	Positive Lock
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Mounting Style	Through Hole
Net Weight	1.250/g
Number of Columns	3
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Retention	Crush Peg
PCB Thickness - Recommended	1.57mm
PC Tail Length	3.18mm
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Plating min - Mating	1.520µm
Plating min - Termination	1.520µm
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

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Termination Style	Solder
Unmated Height	9.91mm
Width	10.56mm

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit+ OCP M-PIC Three Row Receptacle Housings	221626

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