molex



Part Number : 444720654
Product Description : Mini-Fit HCS Header, 4.20mm Pitch, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 6 Circuits, Nylon 6/6 94V-2, Matte Tin (Sn) Plating, without Drain Holes
Series Number : 44472
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Part Number : A-44472-0654

Documents and Resources

Drawings

444720654_sd.pdf

PK-5566-001-001.pdf

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PS-44476-001-001.pdf

TS-5566-002-001.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	44472
Description	Mini-Fit HCS Header, 4.20mm Pitch, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 6 Circuits, Nylon 6/6 94V-2, Matte Tin (Sn) Plating, without Drain Holes
Application	Power, Wire-to-Board
Comments	Square Pin, Solder Type
Component Type	PCB Header
Product Name	Mini-Fit HCS
UPC	800754366984

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	11.0A

Voltage - Maximum	600V

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Net Weight	1.752/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.78mm
PC Tail Length	3.50mm
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit Jr. Receptacle Housings	5557