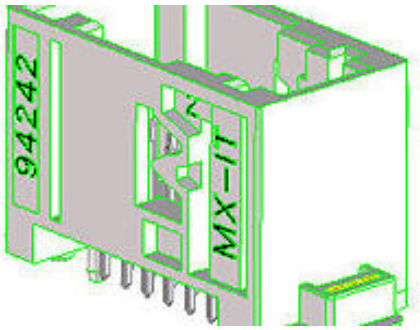
molex



Part Number : 942422318
Product Description : 2.54mm Pitch, MOX Header, 2.54mm Grid, Through Hole, PCT, Vertical, 18 Circuit, White
Series Number : 94242
Status : Obsolete
Product Category : PCB Headers and Receptacles

Obsolete

Documents and Resources

Drawings

942422318_sd.pdf

PK-94242-001-001.pdf

Symbol and Footprint (Multi-Format)

Specifications

PS-94242-001-001.pdf

TS-94242-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33; 34
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
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	Obsolete
Category	PCB Headers and Receptacles
Series	94242
Description	2.54mm Pitch, MOX Header, 2.54mm Grid, Through Hole, PCT, Vertical, 18 Circuit, White
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	MOX
UPC	822348143887

Electrical

Current - Maximum per Contact	6.0A
Voltage - Maximum	125V

Physical

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Natural
Durability (mating cycles max)	100
First Mate / Last Break	No
Glow-Wire Capable	No
Lock to Mating Part	Yes

Obsolete

Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	6.012/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	2.90mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	3.048µm
Plating min - Termination	3.048µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	2
Max-Temp	260

Obsolete