Part Number : 2185670001
Product Description : UltraWize 8.00mm, 2-circuit, Surface Mount Header, 19.15mm Height, 1.80mm Tail, Tray
Series Number : 218567
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

2185670001_sd.pdf

2185670001_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

2185611006-AS-000.pdf

2185650001-AS-000.pdf

2185650001-PS-000.pdf

2185650002-PS-000.pdf

2185611005-TS-000.pdf

2185650001-TS-000.pdf

2185650002-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33
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(2024)7663-DC (21 Jan 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	Active
Category	PCB Headers and Receptacles
Series	218567
Description	UltraWize 8.00mm, 2-circuit, Surface Mount Header, 19.15mm Height, 1.80mm Tail, Tray
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	UltraWize
UPC	195842638990

Agency

UL	E29179

Electrical

Current - Maximum per Contact	170.0A
Voltage - Maximum	125V

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Diameter	8.00mm
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Height	19.15mm
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Silver
Material - Plating Termination	Silver
Material - Resin	Liquid Crystal Polymer
Net Weight	18.017/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.36mm
PC Tail Length	1.80mm
Pitch - Mating Interface	13.58mm
Pitch - Termination Interface	13.58mm
Plating min - Mating	3.180µm
Plating min - Termination	3.180µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +125°C

Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
UltraWize Right-Angle-to-UltraWize Right-Angle Off-the-Shelf (OTS) Cable Assemblies	226269
UltraWize Right-Angle-to-UltraWize Vertical Off-the-Shelf (OTS) Cable Assemblies	226270
UltraWize Vertical-to-UltraWize Vertical Off-the-Shelf (OTS) Cable Assemblies	226271