



Part Number : 2185670002

Series Number : 218567

Product Category : PCB Headers and Receptacles

Product Description : UltraWize 8.00mm, 2-circuit, Surface Mount Header, 35.15mm Height, 1.80mm Tail, Tray

Status : Active

Documents & Resources

Drawings
Drawing 2185670002_sd.pdf

3D Models and Design Files
3D Model 2185670002_stp.zip

Specifications
Application Specification 2185650001-AS-000.pdf
Product Specification 2185650001-PS-000.pdf
Product Specification 2185650002-PS-000.pdf
Test Summary 2185650001-TS-000.pdf
Test Summary 2185650002-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	218567
Description	UltraWize 8.00mm, 2-circuit, Surface Mount Header, 35.15mm Height, 1.80mm Tail, Tray
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Family	UltraWize Connectors and Cable Assemblies
Product Name	UltraWize
UPC	195842707146

Agency

UL	E29179
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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
Flammability	94V-0

Glow-Wire Capable	No
Height	35.15mm
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	44.359/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	1.80mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.36mm
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	<u>226269</u>
UltraWize Right-Angle-to-UltraWize Vertical Off-the-Shelf (OTS) Cable Assemblies	<u>226270</u>

UltraWize Vertical-to-UltraWize Vertical Off-the-Shelf (OTS) Cable Assemblies	<u>226271</u>
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