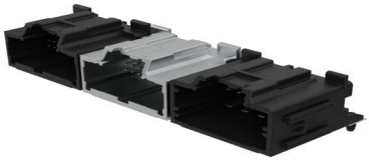
Part Number : 347083070
Product Description : Stac64 3 Bay Right-Angle Headers, 50 Circuits, Bay A 20 Circuit Signal Header, Polarization A, Black; Bay B 20 Circuit Signal Header, Polarization B, Gray; Bay C 10 Circuit Signal Header, Polarization A, Black; Tray
Series Number : 34708
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

347083070_sd.pdf

PK-31300-892-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

AS-34729-020-001.pdf

PS-31372-100-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant
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	Active
Category	PCB Headers and Receptacles
Series	34708
Description	Stac64 3 Bay Right-Angle Headers, 50 Circuits, Bay A 20 Circuit Signal Header, Polarization A, Black; Bay B 20 Circuit Signal Header, Polarization B, Gray; Bay C 10 Circuit Signal Header, Polarization A, Black; Tray
Application	Automotive, Power, Wire-to-Board
Comments	Bay A 20 Circuits Stac64 Right Angle Signal Header, Polarization A; Bay B 20 Circuits Stac64 Right Angle Signal Header, Polarization B; Bay C 10 Circuits Stac64 Right Angle Signal Header, Polarization A
Component Type	PCB Header
Product Name	Stac64
UPC	884982148277

Electrical

Current - Maximum per Contact	Contact Molex
Voltage - Maximum	500V

Physical

Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black, Gray
Durability (mating cycles max)	10
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	27.600/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.57mm
PC Tail Length	3.36mm
Pitch - Mating Interface	2.30mm, 2.54mm, 2.95mm, 3.50mm
Pitch - Termination Interface	2.30mm, 2.54mm, 2.95mm, 3.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	No
Temperature Range - Operating	-40° to +100°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	40
Lead-Free Process Capability	WAVE
Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Stac64 Hybrid Receptacle Assemblies	31372
Stac64 Receptacle Housings	34729