

Part Number : [347072012](#)

Product Description : Stac64 2 Bay Vertical Headers, 30 Circuits, Bay A 10 Circuit Power Header, Polarization A, Black; Bay B 20 Circuit Signal Header, Polarization C, Brown, Tray

Series Number : 34707

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[347072012_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](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Boric acid 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	34707
Description	Stac64 2 Bay Vertical Headers, 30 Circuits, Bay A 10 Circuit Power Header, Polarization A, Black; Bay B 20 Circuit Signal Header, Polarization C, Brown, Tray
Application	Automotive, Wire-to-Board
Comments	Bay A 10 Circuits Stac64 Vertical Power Header, Polarization A; Bay B 20 Circuits Stac64 Vertical Signal Header, Polarization C
Component Type	PCB Header
Product Name	Stac64
UPC	883906170066

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30

Color - Resin	Black, Brown
Durability (mating cycles max)	10
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	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	16.107/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	No
PCB Thickness - Recommended	1.57mm
PC Tail Length	3.36mm
Pitch - Mating Interface	2.30mm, 2.54mm, 3.50mm, 5.25mm
Pitch - Termination Interface	2.30mm, 2.54mm, 3.50mm, 5.25mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Sealed	Unsealed
Shrouded	Shrouded
Stackable	No
Temperature Range - Operating	-40° to +100°C
Termination Interface Style	Through Hole
Terminal Size	1.5, 2.8

Solder Process Data

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

Max-Temp	260
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Mates With / Use With

Mates with Part(s)

Description	Part Number
Stac64 Hybrid Receptacle Assemblies	<u>31372</u>
Stac64 Receptacle Housings	<u>34729</u>

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