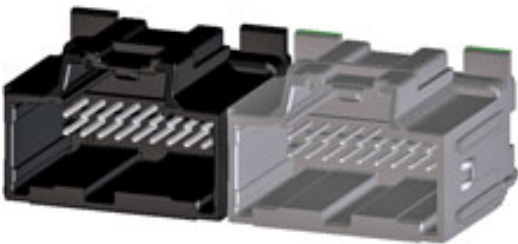




Part Number : [347072000](#)
Product Description : Stac64 2 Bay Vertical Headers, 40 Circuits, Bay A 20 Circuit Signal Header, Polarization A, Black; Bay B 20 Circuit Signal Header, Polarization B, Gray, Tray
Series Number : 34707
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources


Drawings
[Drawing 347072000_sd.pdf](#)

3D Models and Design Files
[3D Model 347072000_stp.zip](#)

Specifications
[Application Specification AS-34729-020-001.pdf](#)
[Product Specification PS-31372-100-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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	34707
Description	Stac64 2 Bay Vertical Headers, 40 Circuits, Bay A 20 Circuit Signal Header, Polarization A, Black; Bay B 20 Circuit Signal Header, Polarization B, Gray, Tray
Application	Automotive, Power, Wire-to-Board
Comments	Bay A 20 Circuits Stac64 Vertical Signal Header, Polarization A; Bay B 20 Circuits Stac64 Vertical Signal Header, Polarization B
Component Type	PCB Header
Product Family	Stac64 Single, Multi-Pocket and Hybrid Header System
Product Name	Stac64
UPC	883906551384

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
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	15.110/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.36mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.57mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
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
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Stac64 Hybrid Receptacle Assemblies	<u>31372</u>
Stac64 Receptacle Housings	<u>34729</u>

This document was generated on Sep 19, 2024