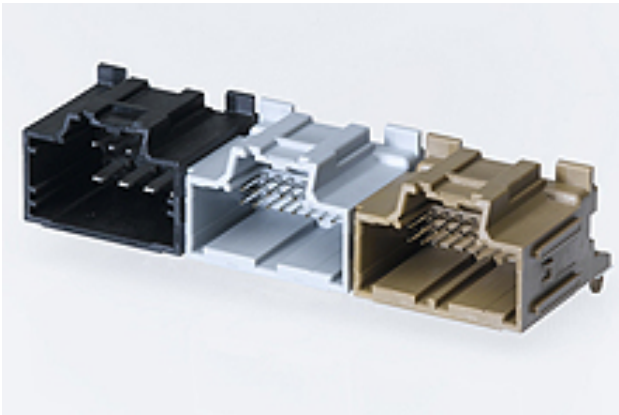




**Part Number :** [347083097](#)  
**Product Description :** Stac64 3 Bay Right-Angle Headers, 48 Circuits, Bay A 16 Circuit Signal Header, Polarization C, Brown; Bay B 12 Circuit Signal Header, Polarization B, Gray; Bay C 20 Circuit Signal Header, Polarization A, Black; Tray  
**Series Number :** 34708  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



Documents & Resources

**Drawings**  
[Drawing 347083097\\_sd.pdf](#)

**3D Models and Design Files**  
[3D Model 347083097\\_stp.zip](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Duty-To-Declare
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Boric acid 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	34708
Description	Stac64 3 Bay Right-Angle Headers, 48 Circuits, Bay A 16 Circuit Signal Header, Polarization C, Brown; Bay B 12 Circuit Signal Header, Polarization B, Gray; Bay C 20 Circuit Signal Header, Polarization A, Black; Tray
Application	Automotive, Power, Wire-to-Board
Comments	Bay A 16 Circuits Stac64 Right Angle Signal Header, Polarization C; Bay B 12 Circuits Stac64 Right Angle Signal Header, Polarization B; Bay C 20 Circuits Stac64 Right Angle Signal Header, Polarization A
Component Type	PCB Header
Product Family	Stac64 Single, Multi-Pocket and Hybrid Header System
Product Name	Stac64
UPC	884982610729

#### Electrical

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

#### Physical

Breakaway	No
Circuits (Loaded)	48
Circuits (maximum)	48
Color - Resin	Black, Brown, 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	22.343/g
Number of Rows	2
Orientation	Right Angle
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
-------------	-------------

Stac64 Hybrid Receptacle Assemblies	<u>31372</u>
Stac64 Receptacle Housings	<u>34729</u>

---

This document was generated on Sep 18, 2024