



**Part Number :** [311010041](#)  
**Product Description :** H-DAC 64 2.54mm 4 Way  
Vertical Header Assembly, Polarization B  
**Series Number :** 31101  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



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## Documents and Resources

### Drawings

[311010041\\_sd.pdf](#)  
[PK-31300-707-000.pdf](#)  
[PK-31300-707-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)  
[Symbol and Footprint \(Multi-Format\)](#)


### Specifications

[AS-31067-100-001.pdf](#)  
[PS-31100-0001-001.pdf](#)

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## 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	Not Contained 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	31101
Description	H-DAC 64 2.54mm 4 Way Vertical Header Assembly, Polarization B
Application	Automotive, Power, Wire-to-Board
Comments	Polarization Option B, Gray
Component Type	PCB Header
Product Name	H-DAC 64
UPC	822350699808

### Electrical

Current - Maximum per Contact	5.0A, 7.0A
Voltage - Maximum	500V DC

### Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Gray

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	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	Modified Polystyrene
Net Weight	1.754/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
PC Tail Length	3.68mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	1.524µm
Plating min - Termination	1.524µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Closed Ends
Stackable	No
Temperature Range - Operating	-40° to +100°C
Termination Interface Style	Through Hole

### Solder Process Data

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

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
2.54mm H-DAC 64, 4 Way Receptacle Assembly, Single Row, Polarization B	<u>310681011</u>

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