



Part Number : [311000040](#)
Product Description : H-DAC 64 2.54mm 4
Way Right-Angle Header Assembly,
Polarization A
Series Number : 31100
Status : Active
Product Category : PCB Headers and
Receptacles



Documents & Resources

Drawings

[Drawing 311000040_sd.pdf](#)
[Packaging Design Drawing PK-31300-707-001.pdf](#)

3D Models and Design Files

[3D Model 311000040_stp.zip](#)

Specifications

[Application Specification AS-31067-100-001.pdf](#)
[Product Specification PS-31100-0001-001.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(2023)3788-DC (14 Jun 2023)
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	31100
Description	H-DAC 64 2.54mm 4 Way Right-Angle Header Assembly, Polarization A
Application	Automotive, Power, Wire-to-Board
Comments	Polarization Option A, Black
Component Type	PCB Header
Product Family	H-DAC 64 Unsealed Connector System
Product Name	H-DAC 64
UPC	822350654951

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
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	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	Modified Polystyrene
Net Weight	1.776/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	3.52mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
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
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2.54mm H-DAC 64, 4 Way Receptacle Assembly, Single Row, Polarization A	<u>0310681010</u>
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