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

311000040_sd.pdf

PK-31300-577-001.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

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 34; 63; 47; 44; 57
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)4165-DC (25 June 2025)
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	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 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
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
PC Tail Length	3.52mm
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	WAVE
Max-Cycle	3
Max-Temp	245

Mates With / Use With

Mates with Part(s)

Description	Part Number
2.54mm H-DAC 64, 4 Way Receptacle Assembly, Single Row, Polarization A	310681010