



Part Number : 307005081

Series Number : 30700

Product Category : PCB Headers and Receptacles

Product Description : 2.54mm Pitch, H-DAC 64 High Density Automotive Header, Dual Row, Right-Angle, 8 Circuits, Polarization Option 2, Black, Tray

Status : Active

Documents & Resources

Drawings
Drawing 307005081_sd.pdf
Packaging Design Drawing PK-30907-260-001.pdf

3D Models and Design Files
3D Model 307005081_stp.zip

Specifications
Product Specification PS-30700-0001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 44
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant
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	30700
Description	2.54mm Pitch, H-DAC 64 High Density Automotive Header, Dual Row, Right-Angle, 8 Circuits, Polarization Option 2, Black, Tray
Application	Automotive, Power, Wire-to-Board
Comments	Polarization Option 2
Component Type	PCB Header
Product Family	H-DAC 64 Unsealed Connector System
Product Name	H-DAC 64
UPC	800756065212

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	Copper
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	Modified Polystyrene
Net Weight	4.236/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	3.69mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Pitch - Mating Interface	2.54mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
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 Pitch, 0.64mm Width H-DAC 64 High Density Automotive Connectors, Dual Row, Female Harness Assembly, 8 Circuits, Polarization Option 2, Black	<u>307001081</u>
