



Part Number : 307005240

Series Number : 30700

Product Category : PCB Headers and Receptacles

Product Description : 2.54mm, 3.50mm Pitch, H-DAC 64 Hybrid Header, Dual Row, Right-Angle, 24 Circuits, Polarization Option A, Gray, Tray

Status : Active

Documents & Resources

Drawings

Drawing 307005240_sd.pdf

Packaging Design Drawing PK-30907-261-001.pdf

3D Models and Design Files

3D Model 307005240_stp.zip

Product Environment Compliance

Compliance

GADSL/IMDS	Duty-To-Declare
China RoHS	
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)

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	30700
Description	2.54mm, 3.50mm Pitch, H-DAC 64 Hybrid Header, Dual Row, Right-Angle, 24 Circuits, Polarization Option A, Gray, Tray
Application	Automotive, Power, Wire-to-Board
Comments	Polarization Option A
Component Type	PCB Header
Product Family	H-DAC 64 Unsealed Connector System
Product Name	H-DAC 64
UPC	800754871273

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	24
Circuits (maximum)	24
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	None
Lock to Mating Part	Yes
Material - Metal	Copper
Material - Plating Mating	Tin

Material - Plating Termination	Nickel
Material - Resin	Modified Polystyrene
Net Weight	13.972/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, 3.50mm Pitch, H-DAC 64 Hybrid Female Harness Assembly, 24 Circuits, Polarization Option A without Bridge, Gray	<u>307001244</u>