Part Number : 788640001
Product Description : 1.60mm Pitch Compression Connector, 1.20mm Working Height, Dual Row, 4 Circuits
Series Number : 78864
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

788640001_sd.pdf

PK-78864-001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-78864-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
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

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- 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	78864
Description	1.60mm Pitch Compression Connector, 1.20mm Working Height, Dual Row, 4 Circuits
Application	Board-to-Board
Component Type	PCB Header
Product Name	Battery Connector,Compression Connector
UPC	887191491486

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	10V

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Lock to Mating Part	No

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Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	0.023/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.60mm
Plating min - Mating	0.102µm
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	REFLOW
Max-Cycle	2
Max-Temp	245

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