Part Number : 741621232
Product Description : C-Grid PCB Header, 2.54mm Pitch, Through Hole, Dual Row, Right-Angle Shrouded, Version B, High-Temperature, 32 Circuits, 0.38µm Gold (Au) Plating, 3.30mm Tail Length
Series Number : 74162
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

741621232_sd.pdf

PK-70873-0019-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

713080001-AS-000.pdf

PS-74162-001-001.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

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- 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	74162
Description	C-Grid PCB Header, 2.54mm Pitch, Through Hole, Dual Row, Right-Angle Shrouded, Version B, High-Temperature, 32 Circuits, 0.38µm Gold (Au) Plating, 3.30mm Tail Length
Application	Board-to-Board
Component Type	PCB Header
Product Name	C-Grid
UPC	883906880064

Agency

UL	E29179

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V

Physical

Breakaway	No

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Circuits (Loaded)	32
Circuits (maximum)	32
Color - Resin	Black
Durability (mating cycles max)	50
First Mate / Last Break	No
Gender	Male
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Mounting Style	Through Hole
Net Weight	6.986/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tube
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.57mm
PC Tail Length	3.30mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.380µm
Plating min - Termination	1.910µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	Shrouded
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

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Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
C-Grid Vertical, Dual Row, High Profile, Surface Mount PCB Connectors	71395
C-Grid Vertical, Dual Row, High Profile, Through Hole PCB Receptacles	71850

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