

Part Number : 15916040
Product Description : C-Grid Breakaway PCB Header, 2.54mm Pitch, Surface Mount, Dual Row, Vertical, 4 Circuits, Tin (Sn) Plating, 6.10mm Mating Pin Length, Tape and Reel, with Cap
Series Number : 71308
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Part Number : 71308-1504

Documents and Resources

Drawings

015916040_sd.pdf

713080000-PK-000.pdf

713080001-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

713080001-AS-000.pdf

PS-71308-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not 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

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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	71308
Description	C-Grid Breakaway PCB Header, 2.54mm Pitch, Surface Mount, Dual Row, Vertical, 4 Circuits, Tin (Sn) Plating, 6.10mm Mating Pin Length, Tape and Reel, with Cap
Application	Board-to-Board, Wire-to-Board
Component Type	PCB Header
Product Name	C-Grid
UPC	822350227605

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V

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Physical

Breakaway	Yes
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	1.892/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	No
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	3.810µm
Plating min - Termination	3.810µm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
Shrouded	Unshrouded
Stackable	Yes
Temperature Range - Operating	-40° to +120°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	30
Lead-Free Process Capability	REFLOW

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Max-Cycle	3
Max-Temp	245

Mates With / Use With

Mates with Part(s)

Description	Part Number
C-Grid Right-Angle, Dual Row, Surface Mount PCB Receptacles	71979
C-Grid Vertical, Dual Row, High Profile, Surface Mount PCB Connectors	71395
C-Grid Vertical, Dual Row, High Profile, Through Hole PCB Receptacles	71850

Use with Part(s)

Description	Part Number
2.54mm Pitch C-Grid Shunt Terminal Housings	7859

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