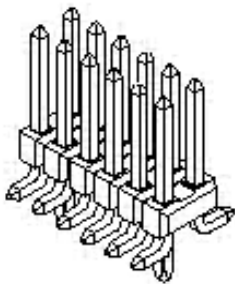




Part Number : [15911423](#)
Product Description : 2.54mm Pitch C-Grid
Breakaway Header, Surface Mount, Dual Row, Vertical,
42 Circuits, 0.76µm Gold (Au) Selective Plating, with
3.30mm PCB Locator Pegs
Series Number : 71308
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Part Number : 71308-4242



Documents and Resources

Drawings

[015911423_sd.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	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)6375-DC (05 Nov 2025)
EU RoHS	Compliant per EU 2015/863

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	2.54mm Pitch C-Grid Breakaway Header, Surface Mount, Dual Row, Vertical, 42 Circuits, 0.76µm Gold (Au) Selective Plating, with 3.30mm PCB Locator Pegs
Application	Board-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	C-Grid
UPC	800753977334

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	Yes
Circuits (Loaded)	42
Circuits (maximum)	42
Color - Resin	Black
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.887/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.762µm
Plating min - Termination	1.905µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	Yes
Temperature Range - Operating	-40° to +120°C
Termination Interface Style	Surface Mount

Solder Process Data

Lead-Free Process Capability	REFLOW
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
C-Grid Right-Angle, Dual Row, Surface Mount PCB Receptacles	<u>71979</u>
C-Grid Vertical, Dual Row, High Profile, Surface Mount PCB Connectors	<u>71395</u>
C-Grid Vertical, Dual Row, High Profile, Through Hole PCB Receptacles	<u>71850</u>
2.54mm Pitch C-Grid Shunt Terminal Housings	<u>7859</u>

This document was generated on Feb 26, 2026