



**Part Number :** [15911503](#)  
**Product Description :** 2.54mm Pitch C-Grid Breakaway Header, Surface Mount, Dual Row, Vertical, 50 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 Number :** 71308-4250N



## Documents & Resources

**Drawings**  
[015911503\\_sd.pdf](#)  
[713080001-PK-000.pdf](#)

**3D Models and Design Files**  
[015911503\\_stp.zip](#)

**Specifications**  
[713080001-AS-000.pdf](#)  
[PS-71308-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 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)

## EU RoHS Certificate of Compliance

---

### 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, 50 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	800754396837

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

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

#### Physical

Breakaway	Yes
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Durability (mating cycles max)	50

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	2.989/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>