



**Part Number :** [15910040](#)  
**Product Description :** 2.54mm Pitch C-Grid  
Breakaway Header, Surface Mount, Dual Row,  
Vertical, 4 Circuits, 0.38µm Gold (Au) Selective  
Plating  
**Series Number :** 71308  
**Status :** Active  
**Product Category :** PCB Headers and  
Receptacles  
**Engineering Number :** 71308-0104N



## Documents & Resources

### Drawings

[015910040\\_sd.pdf](#)  
[PK-70873-0353-001.pdf](#)  
[713080001-PK-000.pdf](#)

### 3D Models and Design Files


[015910040\\_stp.zip](#)

### Specifications

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

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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

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## 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, 4 Circuits, 0.38µm Gold (Au) Selective Plating
Application	Board-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	C-Grid
UPC	800754222969

### Agency

CSA	LR19980
UL	E29179

### Electrical

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

### Physical

Breakaway	Yes
Circuits (Loaded)	4
Circuits (maximum)	4
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	0.240/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Bag
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	2.032µm
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

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

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#### Mates With / Use With

##### Mates with Part(s)

Description	Part Number
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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>

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