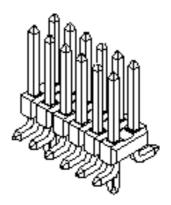


Part Number : 15910400 Product Description : 2.54mm Pitch C-Grid Breakaway Header, Surface Mount, Dual Row, Vertical, 40 Circuits, 0.38µm Gold (Au) Selective Plating Series Number : 71308 Status : Active Product Category : PCB Headers and Receptacles Engineering Number : 71308-0140N



#### **Documents & Resources**

Drawings 015910400\_sd.pdf 713080001-PK-000.pdf

**3D Models and Design Files** 015910400\_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

### **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, 40 Circuits, 0.38µm Gold (Au) Selective Plating
Application	Board-to-Board, Signal, Wire-to- Board
Component Type	PCB Header
Product Name	C-Grid
UPC	800754395793

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

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

## Physical

Breakaway	Yes
Circuits (Loaded)	40
Circuits (maximum)	40
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	2.391/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
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

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	7859

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