

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0015910187](#)

**Status:** **Active**

**Overview:** C-Grid® Products

**Description:** 2.54mm Pitch C-Grid Header, Surface Mount, Dual Row, Vertical, 18 Circuits, 0.38µm Gold (Au) Selective Plating, with 3.30mm PCB Locator Pegs, with 8.13mm Mating Pin Length

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-71308-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series [71308](#)  
Application Board-to-Board, Signal, Wire-to-Board  
Overview [C-Grid® Products](#)  
Product Name C-Grid  
UPC 800754651851

**Physical**

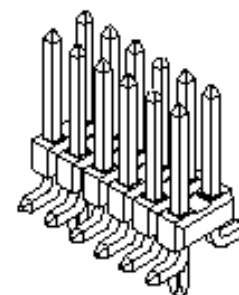
Breakaway Yes  
Circuits (Loaded) 18  
Circuits (maximum) 18  
Color - Resin Black  
Durability (mating cycles max) 50  
Flammability 94V-0  
Glow-Wire Compliant No  
Lock to Mating Part None  
Material - Metal Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 1.260g  
Number of Rows 2  
Orientation Vertical  
PCB Locator Yes  
PCB Retention Yes  
Packaging Type Tube  
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°C to +105°C  
Termination Interface: Style Surface Mount

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 005



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[71308 Series](#)

Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
<b>Material Info</b>	
Engineering Number	A-71308-5118
<b>Reference - Drawing Numbers</b>	
Product Specification	PS-71308-001
Sales Drawing	SD-71308-001-000

This document was generated on 12/05/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[15-91-0187](#)