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**Part Number:** [15-91-2220](#)  
**Status:** **Active**  
**Overview:** [C-Grid® Products](#)  
**Description:** 2.54mm Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, 22 Circuits, Tin (Sn) Plating, without PCB Locator Pegs

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)

[Product Specification PS-71308 \(PDF\)](#)  
[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 800753771819

**Physical**

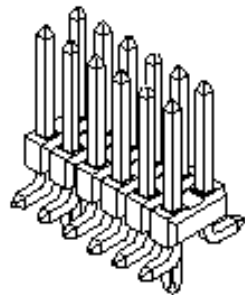
Breakaway Yes  
Circuits (Loaded) 22  
Circuits (maximum) 22  
Color - Resin Black  
Durability (mating cycles max) 25  
Flammability 94V-0  
Glow-Wire Compliant No  
Lock to Mating Part None  
Material - Metal Phosphor Bronze  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 1.397/g  
Number of Rows 2  
Orientation Vertical  
PCB Locator No  
PCB Retention None  
Packaging Type Tube  
Pitch - Mating Interface 2.54mm  
Plating min - Mating 3.810µm  
Plating min - Termination 3.810µm  
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 3A  
Voltage - Maximum 250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 30



Series

image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of  
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
non-product compliance questions.

**Search Parts in this Series**  
[71308Series](#)

|                                         |                           |
|-----------------------------------------|---------------------------|
| Lead-free Process Capability            | Reflow Capable (SMT only) |
| Max. Cycles at Max. Process Temperature | 3                         |
| Process Temperature max. C              | 245                       |

**Material Info**

|                 |             |
|-----------------|-------------|
| Old Part Number | 71308-0022N |
|-----------------|-------------|

**Reference - Drawing Numbers**

|                       |                         |
|-----------------------|-------------------------|
| Product Specification | PS-71308, RPS-71308-001 |
| Sales Drawing         | SD-71308-001            |

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