

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

**Part Number:** [0015910680](#)  
**Status:** **Active**  
**Description:** 2.54mm (.100") Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, 68 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-71308 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Packaging Specification (PDF)</a>	

**General**

Product Family	PCB Headers
Series	71308
Application	Board-to-Board
Application	Wire-to-Board
Product Name	C-Grid®

**Physical**

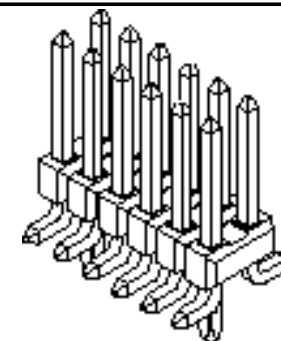
Breakaway	Yes
Circuits (Loaded)	68
Circuits (maximum)	68
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.375
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.875
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**

CSA	LR19980
Current - Maximum	3A
UL	E29179
Voltage - Maximum	250V

**Solder Process Data**

Lead-free Process Capability	Reflow Capable (SMT only)
Process Temperature max. C	260



*Series  
image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free  
Status**  
**Not Reviewed**

**China RoHS**



**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.

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification  
Product Specification  
Sales Drawing

PS-71308  
RPS-71308-001  
SD-71308-001

This document was generated on 12/07/2009

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