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**Part Number:** [0015800305](#)  
**Status:** **Active**  
**Overview:** C-Grid® Products  
**Description:** 2.54mm Pitch C-Grid® Header, Through Hole without Peg, Dual Row, Vertical, Shrouded, High Temperature, 30 Circuits, 0.76µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating



**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-70567-001 \(PDF\)](#)  
[Packaging Specification PK-70873-0018 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
Series [70567](#)  
Application Signal, Wire-to-Board  
Overview [C-Grid® Products](#)  
Product Name C-Grid®  
UPC 800755031263

**Physical**

Breakaway No  
Circuits (Loaded) 30  
Circuits (maximum) 30  
Color - Resin Black  
First Mate / Last Break No  
Flammability 94V-0  
Glow-Wire Compliant No  
Guide to Mating Part No  
Keying to Mating Part None  
Lock to Mating Part Yes  
Material - Metal Brass, Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 5.038/g  
Number of Rows 2  
Orientation Vertical  
PC Tail Length 3.30mm  
PCB Locator No  
PCB Retention Yes  
PCB Thickness - Recommended 2.40mm  
Packaging Type Tube  
Pitch - Mating Interface 2.54mm  
Pitch - Termination Interface 2.54mm  
Plating min - Mating 0.762µm  
Plating min - Termination 1.905µm  
Polarized to Mating Part Yes  
Polarized to PCB No  
Shrouded Fully  
Stackable No  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -55°C to +105°C  
Termination Interface: Style Through Hole

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**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      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[70567 Series](#)

**Mates With**

SL™ Crimp Housing [70450](#) , C-Grid® PCB  
Receptacle [71395](#)

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.5A |
| Voltage - Maximum             | 250V |

**Solder Process Data**

|                                                |          |
|------------------------------------------------|----------|
| Duration at Max. Process Temperature (seconds) | 005      |
| Lead-freeProcess Capability                    | SMC&WAVE |
| Max. Cycles at Max. Process Temperature        | 001      |
| Process Temperature max. C                     | 245      |

**Material Info**

|                    |            |
|--------------------|------------|
| Engineering Number | 70567-0149 |
|--------------------|------------|

**Reference - Drawing Numbers**

|                         |                |
|-------------------------|----------------|
| Packaging Specification | PK-70873-0018  |
| Product Specification   | PS-70567-001   |
| Sales Drawing           | SDA-70567-**** |

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