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**Part Number:** **0015800309**  
**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, 0.38µm Gold, (Au) Selective Plating, Tin (Sn) PC Tail Plating, 3.81mm Inside Shroud to End Circuit Spacing

**Documents:**

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

**Agency Certification**

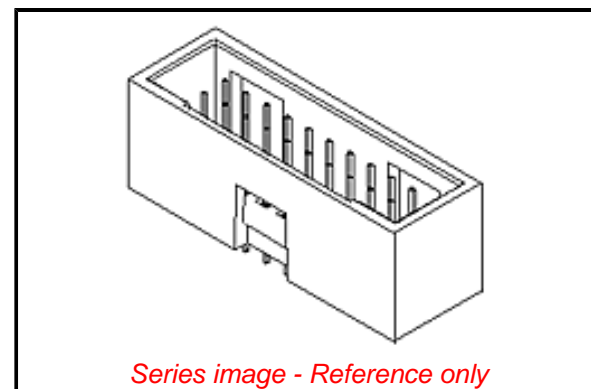
UL E29179

**General**

Product Family PCB Headers  
Series [70567](#)  
Application Signal, Wire-to-Board  
Overview [C-Grid® Products](#)  
Product Name C-Grid  
UPC 800755031294

**Physical**

Breakaway No  
Circuits (Loaded) 30  
Circuits (maximum) 30  
Color - Resin Black  
Durability (mating cycles max) 25  
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 5.296/g  
Number of Rows 2  
Orientation Vertical  
PC Tail Length 3.30mm  
PCB Locator No  
PCB Retention Yes  
PCB Thickness - Recommended 2.36mm  
Packaging Type Tube  
Pitch - Mating Interface 2.54mm  
Pitch - Termination Interface 2.54mm  
Plating min - Mating 0.381µm  
Plating min - Termination 1.905µm  
Polarized to Mating Part No  
Polarized to PCB No  
Shrouded Open Ends  
Stackable No  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -55°C to +105°C



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**

[70567 Series](#)

**Mates With**

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

**Use With**

Interim Clip [70013](#)

Termination Interface: Style Through Hole

**Electrical**

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

**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 A-70567-0285

**Reference - Drawing Numbers**

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

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