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**Part Number:** [0015800489](#)  
**Status:** **Active**  
**Overview:** [C-Grid Connector Products](#)  
**Description:** 2.54mm Pitch C-Grid Header, Through Hole without Peg, Dual Row, Vertical, Shrouded, High Temperature, 48 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-70873-0018-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[3D Model \(PDF\)](#)

**Agency Certification**

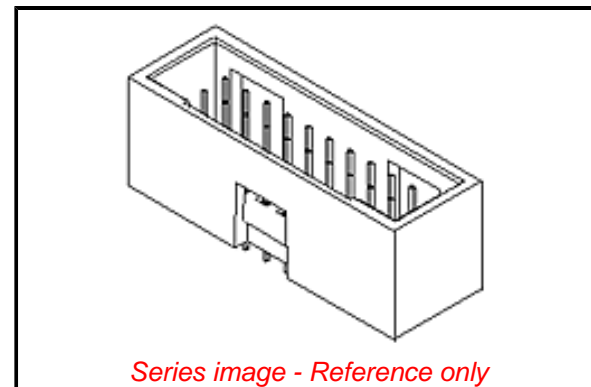
UL E29179

**General**

Product Family PCB Headers  
 Series [70567](#)  
 Application Signal, Wire-to-Board  
 Overview [C-Grid Connector Products](#)  
 Product Name C-Grid  
 UPC 800753975576

**Physical**

Breakaway No  
 Circuits (Loaded) 48  
 Circuits (maximum) 48  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Capable 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 8.118/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° to +105°C



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**  
**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

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-70567-0294

**Reference - Drawing Numbers**

Packaging Specification PK-70873-0018-001  
Sales Drawing SDA-70567-XXXX-001

This document was generated on 09/13/2021

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