

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

**Part Number:** [70287-1249](#)  
**Status:** **Active**  
**Overview:** [C-Grid® Products](#)  
**Description:** 2.54mm Pitch C-Grid® Header, Breakaway, Dual Row, Vertical, with Retention Pin, 12 Circuits, 8.13mm Mating Pin Length, 0.76µm Gold (Au) Selective Plating

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

[Product Specification PS-70280 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

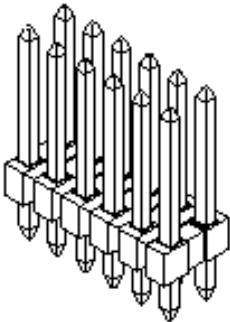
CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series [70287](#)  
Application Board-to-Board, Signal, Wire-to-Board  
Overview [C-Grid® Products](#)  
Product Name C-Grid®  
UPC 822350867672

**Physical**

Breakaway Yes  
Circuits (Loaded) 12  
Circuits (maximum) 12  
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 N/A  
Lock to Mating Part None  
Material - Metal Brass  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 0.848/g  
Number of Rows 2  
Orientation Vertical  
PC Tail Length 3.18mm  
PCB Locator No  
PCB Retention None  
PCB Thickness - Recommended 1.57mm  
Packaging Type Bag  
Pitch - Mating Interface 2.54mm  
Pitch - Termination Interface 2.54mm  
Plating min - Mating 0.813µm  
Plating min - Termination 2.032µm  
Polarized to Mating Part No  
Polarized to PCB No  
Shrouded No  
Stackable Yes  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -40°C to +120°C



Series

image - Reference only

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

**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**  
[70287Series](#)

**Mates With**  
7859 Shunt, C-Grid Receptacles, SL™  
Crimp, FFC and IDT Housing

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

3A

Voltage - Maximum

250V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)

5

Lead-free Process Capability

Wave Capable (TH only)

Max. Cycles at Max. Process Temperature

1

Process Temperature max. C

260

Material Info

Reference - Drawing Numbers

Product Specification

PS-70280

Sales Drawing

SD-70287-003

This document was generated on 10/10/2014

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