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**Part Number:** [0010897380](#)  
**Status:** **Active**  
**Description:** 2.54mm (.100") Pitch C-Grid® Breakaway Header, Dual Row, Vertical, High Temperature, 38 Circuits, 0.76µm (30µ") Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating, 2.72mm (.107") PC Tail

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

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

**Agency Certification**

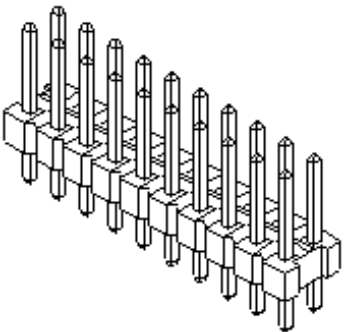
CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series [70280](#)  
Application Board-to-Board, Wire-to-Board  
Product Name C-Grid®

**Physical**

Breakaway Yes  
Circuits (Loaded) 38  
Circuits (maximum) 38  
Color - Resin Black  
Durability (mating cycles max) 50  
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 None  
Material - Metal Copper Alloy  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Number of Rows 2  
Orientation Vertical  
PC Tail Length (in) 0.110 In  
PC Tail Length (mm) 2.79 mm  
PCB Locator No  
PCB Retention None  
PCB Thickness Recommended (in) 0.062 In  
PCB Thickness Recommended (mm) 1.60 mm  
Packaging Type Bag  
Pitch - Mating Interface (in) 0.100 In  
Pitch - Mating Interface (mm) 2.54 mm  
Plating min: Mating (µin) 32  
Plating min: Mating (µm) 0.8  
Plating min: Termination (µin) 80  
Plating min: Termination (µm) 2  
Polarized to Mating Part No  
Polarized to PCB No  
Shrouded No  
Stackable Yes  
Temperature Range - Operating -40°C to +105°C



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)  
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**  
[70280Series](#)

|                                    |                              |
|------------------------------------|------------------------------|
| Termination Interface: Style       | Through Hole                 |
| <b>Electrical</b>                  |                              |
| Current - Maximum per Contact      | 3A                           |
| Voltage - Maximum                  | 250V                         |
| <b>Solder Process Data</b>         |                              |
| Lead-free Process Capability       | SMC & Wave Capable (TH only) |
| Process Temperature max. C         | 260                          |
| <b>Material Info</b>               |                              |
| Old Part Number                    | 70280-0099                   |
| <b>Reference - Drawing Numbers</b> |                              |
| Product Specification              | PS-70280                     |
| Sales Drawing                      | SDA-70280-0001-4000          |

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