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**Part Number:** [75101-0171](#)  
**Status:** **Active**  
**Overview:** C-Grid® Products  
**Description:** 2.54mm Pitch Shrouded CPI Header, 6 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-75100-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

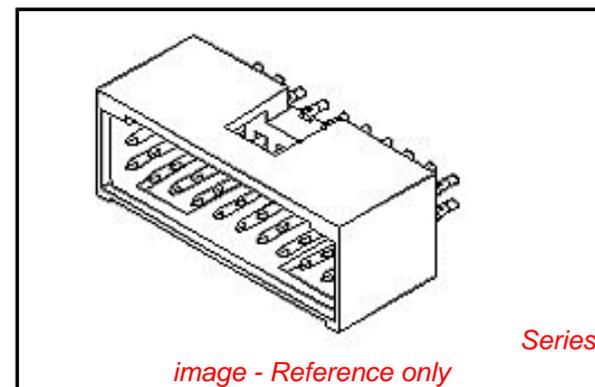
CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [75101](#)  
 Application Signal, Wire-to-Board  
 Application Tooling Part Link [62202-1901](#)  
 Application Tooling Part Link [62202-1903](#)  
 Application Tooling Part Link [62202-1904](#)  
 Application Tooling Part Link [62202-1910](#)  
 Application Tooling Part Link [62202-1920](#)  
 Application Tooling Part Link [62202-1930](#)  
 Application Tooling Part Link [62202-1940](#)  
 Application Tooling Part Link [62202-1950](#)  
 Application Tooling Part Link [62202-1960](#)  
 Overview [C-Grid® Products](#)  
 Product Name C-Grid®  
 UPC 756054735145

**Physical**

Breakaway No  
 Circuits (Loaded) 6  
 Circuits (maximum) 6  
 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 High Performance Alloy (HPA)  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 1.186/g  
 Number of Rows 2  
 Orientation Vertical  
 PC Tail Length 4.40mm  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 2.36mm  
 Packaging Type Tube  
 Pitch - Mating Interface 2.54mm  
 Pitch - Termination Interface 2.54mm



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Low-Halogen**

**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**

[75101Series](#)

**Mates With**

[70192](#) , [71850](#) , [71395](#) , [70854](#) , [70450](#)  
 Version A

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
CPI Modular	<a href="#">0622021901</a>
Insertion Pin	
CPI Modular Left	<a href="#">0622021903</a>
End Spacer	
CPI Modular Right	<a href="#">0622021904</a>
End Spacer	
Modular Press In	<a href="#">0622021910</a>
Tool, 4 Circuits	
Modular Press In	<a href="#">0622021920</a>
Tool, 6 Circuits	

Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Closed Ends
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +75°C
Termination Interface: Style	Through Hole - Compliant Pin

### Electrical

Current - Maximum per Contact	3A
Voltage - Maximum	250V

### Material Info

### Reference - Drawing Numbers

Product Specification	PS-75100-001
Sales Drawing	SD-75101-001

Modular Press In Tool, 10 Circuits	<a href="#">0622021930</a>
Modular Press In Tool, 20 Circuits	<a href="#">0622021940</a>
Modular Press In Tool, 40 Circuits	<a href="#">0622021950</a>
Modular Press In Tool, 80 Circuits	<a href="#">0622021960</a>

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