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Part Number: [75102-0083](#)
Status: **Active**
Overview: [C-Grid® Products](#)
Description: 2.54mm Pitch C-Grid® Breakaway Header, Dual Row, Vertical, Compliant Pin, 12 Circuits, Tin (Sn) Plating

Documents:

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

Agency Certification

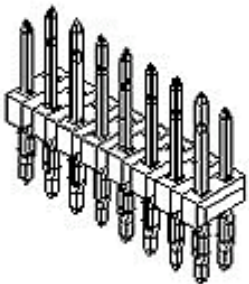
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [75102](#)
Application Board-to-Board, 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 822348099535

Physical

Breakaway Yes
Circuits (Loaded) 12
Circuits (maximum) 12
Color - Resin Black
Durability (mating cycles max) 25
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part None
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 0.846/g
Number of Rows 2
Orientation Vertical
PC Tail Length 4.75mm
PCB Locator No
PCB Retention Yes
PCB Thickness - Recommended 2.40mm
Packaging Type Bag
Pitch - Mating Interface 2.54mm
Polarized to Mating Part Yes
Shrouded Fully
Stackable Yes



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Low-Halogen Status
Low-Halogen**

China RoHS



**Need more information on product
environmental compliance?**

Email 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

[75102Series](#)

Mates With

[70066](#) , [71973](#) , [7859](#) , [70400](#) , [70192](#) ,
[71850](#) , [71395](#) , [70854](#) , [71979](#) , [70450](#)

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	0622021901
Insertion Pin	
CPI Modular Left	0622021903
End Spacer	
CPI Modular Right	0622021904
End Spacer	
Modular Press In	0622021910
Tool, 4 Circuits	
Modular Press In	0622021920
Tool, 6 Circuits	

Surface Mount Compatible (SMC)	Yes	Modular Press In	<u>0622021930</u>
Temperature Range - Operating	-40°C to +105°C	Tool, 10 Circuits	
Termination Interface: Style	Through Hole - Compliant Pin	Modular Press In	<u>0622021940</u>
		Tool, 20 Circuits	
Electrical		Modular Press In	<u>0622021950</u>
Current - Maximum per Contact	3A	Tool, 40 Circuits	
Voltage - Maximum	250V	Modular Press In	<u>0622021960</u>
		Tool, 80 Circuits	
Material Info			
Reference - Drawing Numbers			
Product Specification	PS-75100-001		
Sales Drawing	SD-75102-001		

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