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Part Number: [0751020005](#)
Status: **Active**
Overview: [C-Grid® Products](#)
Description: 2.54mm Pitch C-Grid® Breakaway Header, Dual Row, Vertical, Compliant Pin, 12 Circuits, 0.76µm Gold (Au) Selective Plating

Documents:

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

Agency Certification

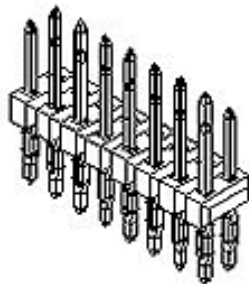
CSA LR19980
UL E29179

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 822348098897

Physical

Breakaway Yes
Circuits (Loaded) 12
Circuits (maximum) 12
Color - Resin Black
Durability (mating cycles max) 50
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part None
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 0.834/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
Surface Mount Compatible (SMC) Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

[75102](#) Series

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 #
Modular Press In Tool, 4 Circuits	0622021910
Modular Press In Tool, 6 Circuits	0622021920
Modular Press In Tool, 10 Circuits	0622021930

Temperature Range - Operating	-40°C to +105°C	Modular Press In	0622021940
Termination Interface: Style	Through Hole - Compliant Pin	Tool, 20 Circuits	
Electrical		Modular Press In	0622021950
Current - Maximum per Contact	3.0A	Tool, 40 Circuits	
Voltage - Maximum	250V	Modular Press In	0622021960
		Tool, 80 Circuits	
Solder Process Data		CPI Modular	0622021901
Lead-freeProcess Capability	N/A	Insertion Pin	
Material Info		CPI Modular Left	0622021903
		End Spacer	
Reference - Drawing Numbers		CPI Modular Right	0622021904
Product Specification	PS-75100-001	End Spacer	
Sales Drawing	SD-75102-001		

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