

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [75102-0044](#)
Status: **Active**
Overview: [C-Grid® Products](#)
Description: 2.54mm Pitch C-Grid® Breakaway Header, Dual Row, Vertical, Compliant Pin, 12 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

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

Agency Certification

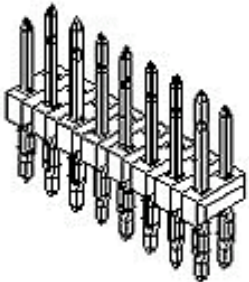
CSA	LR19980
UL	E29179

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	822348099511

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



Series

image - Reference only

EU RoHS

RoHS Compliant by Exemption

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		

This document was generated on 09/11/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION