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**Part Number:** [75102-0050](#)  
**Status:** **Active**  
**Overview:** [C-Grid® Products](#)  
**Description:** 2.54mm Pitch C-Grid® Breakaway Header, Dual Row, Vertical, Compliant Pin, 24 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  
Overview [C-Grid® Products](#)  
Product Name C-Grid®  
UPC 822348720842

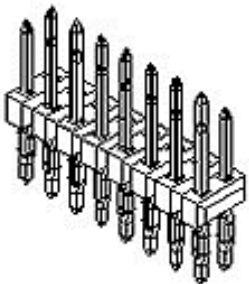
**Physical**

Breakaway Yes  
Circuits (Loaded) 24  
Circuits (maximum) 24  
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 1.667/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  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

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

**Material Info**



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](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**

[75102Series](#)

**Mates With**

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

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-75100-001  
SD-75102-001

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