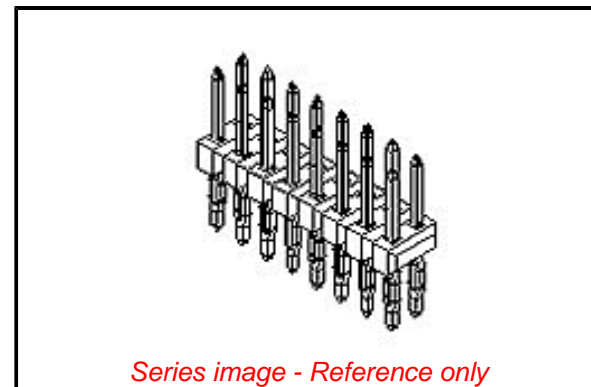


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0751020019](#)  
**Status:** **Active**  
**Overview:** C-Grid Connector Products  
**Description:** 2.54mm Pitch C-Grid Breakaway Header, Dual Row, Vertical, Compliant Pin, 40 Circuits, 0.76µm Gold (Au) Selective Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 713080001-AS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-70873-0353-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-75100-001-001 (PDF)</a>	



**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">75102</a>
Application	Board-to-Board, Signal, Wire-to-Board
Overview	<a href="#">C-Grid Connector Products</a>
Product Name	C-Grid
UPC	822348308910

**Physical**

Breakaway	Yes
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	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	2.696/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° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V

**Solder Process Data**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[75102 Series](#)

**Mates With**

[70066](#) , [71973](#) , [7859](#) , [70400](#) , [70192](#) ,  
[71850](#) , [71 395](#), [70854](#) , [71979](#) , [70450](#)

Lead-freeProcess Capability

N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification

713080001-AS-000

Packaging Specification

PK-70873-0353-001

Product Specification

PS-75100-001-001

Sales Drawing

SD-75102-001, SD-75102-001-002

This document was generated on 02/25/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[75102-0019](#)