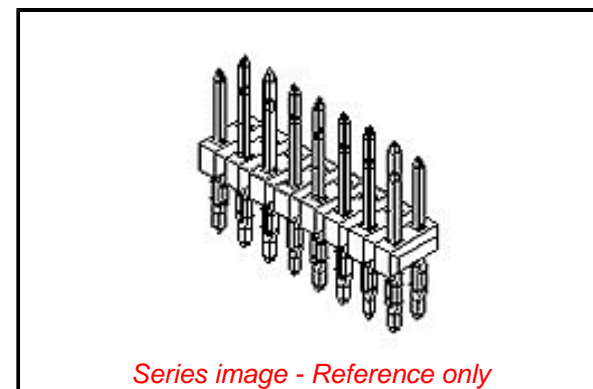


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Part Number: **0751020048**
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Breakaway Header, Dual Row, Vertical, Compliant Pin, 20 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

3D Model	Application Specification 713080001-AS-000 (PDF)
3D Model (PDF)	Packaging Specification PK-70873-0353-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-75100-001-001 (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 Connector Products
Product Name	C-Grid
UPC	822348308958

Physical

Breakaway	Yes
Circuits (Loaded)	20
Circuits (maximum)	20
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	1.348/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

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