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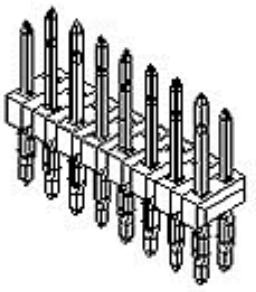
Part Number: 0751020078
Status: Active
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Breakaway Header, Dual Row, Vertical, Compliant Pin, 80 Circuits, 0.38µm Gold (Au) Selective Plating



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
3D Model (PDF)
Product Specification PS-75100-001-001 (PDF)
Application Specification 713080001-AS-000 (PDF)
Packaging Specification PK-70873-0353-001 (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 Connector Products
Product Name	C-Grid
UPC	822348304097
Physical	
Breakaway	Yes
Circuits (Loaded)	80
Circuits (maximum)	80
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	5.391/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 | **China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	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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