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Part Number: **0751020083**
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Breakaway Header, Dual Row, Vertical, Compliant Pin, 12 Circuits, Tin (Sn) Plating

Documents:

3D Model	Application Specification 713080001-AS-000 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-0353-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-75100-001-001 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

Application tooling part link

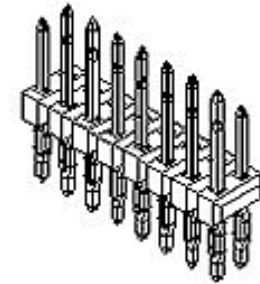
Application Tooling Part Link	62202-1901
Application Tooling Part Link	62202-1903
Application Tooling Part Link	62202-1904
Application Tooling Part Link	62202-1910
Application Tooling Part Link	62202-1920
Application Tooling Part Link	62202-1930
Application Tooling Part Link	62202-1940
Application Tooling Part Link	62202-1950
Application Tooling Part Link	62202-1960

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	822348099535

Physical

Breakaway	Yes
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.846/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



Series image - Reference only

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](#)

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 Insertion Pin	622021901
CPI Modular Left End Spacer	622021903
CPI Modular Right End Spacer	622021904
Modular Press-In Tool, 4 Circuits	622021910
Modular Press-In Tool, 6 Circuits	622021920

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

Lead-free Process Capability	N/A
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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

Modular Press-In Tool, 10 Circuits	622021930
Modular Press-In Tool, 20 Circuits	622021940
Modular Press-In Tool, 40 Circuits	622021950
Modular Press-In Tool, 80 Circuits	622021960

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