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Part Number: [0751020044](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: 2.54mm Pitch C-Grid Breakaway Header, Dual Row, Vertical, Compliant Pin, 12 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-75100-001-001 \(PDF\)](#)
[Packaging Specification PK-70873-0353-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

Application tooling part link

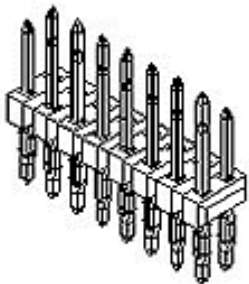
Application Tooling Part Link 62202-1901
Application Tooling Part Link 62202-1903
Application Tooling Part Link 62202-1904
Application Tooling Part Link 62202-1910
Application Tooling Part Link 62202-1920
Application Tooling Part Link 62202-1930
Application Tooling Part Link 62202-1940
Application Tooling 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
CURRENT-MAX-NUMERIC 3.0
Overview C-Grid Connector Products
PITCH-MATING-NUMERIC 2.54
Product Name C-Grid
UPC 822348099511

Physical

Breakaway Yes
Circuits (Loaded) 12
Circuits (maximum) 12
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 0.834/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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](#) , [71395](#) , [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

Pitch - Mating Interface	2.54mm	Modular Press-In Tool, 10 Circuits	622021930
Polarized to Mating Part	Yes	Modular Press-In Tool, 20 Circuits	622021940
Shrouded	Fully	Modular Press-In Tool, 40 Circuits	622021950
Stackable	Yes	Modular Press-In Tool, 80 Circuits	622021960
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-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
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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