molex®
one company > a world of innovation

Part Number: 0015910040

Status: **Active**

Overview: C-Grid Connector Products

Description: 2.54mm Pitch C-Grid Breakaway Header, Surface Mount, Dual Row, Vertical, 4 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

3D Model	Application Specification 713080001-AS-000 (PDF)
3D Model (PDF)	Packaging Specification 713080001-PK-000 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-0353-001 (PDF)
Product Specification PS-71308-001 (PDF)	RoHS Certificate of Compliance (PDF)

Series image - Reference only
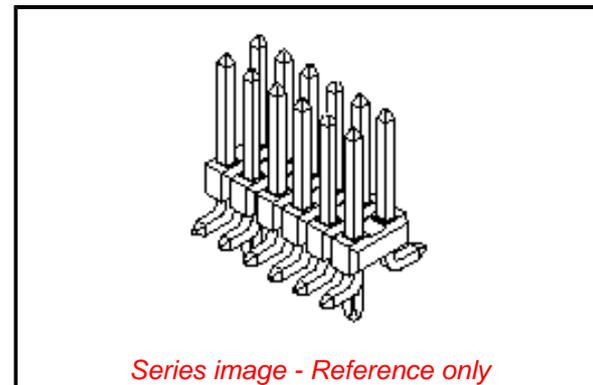
Agency Certification
CSA	LR19980
UL	E29179

General
Product Family	PCB Headers
Series	71308
Application	Board-to-Board, Signal, Wire-to-Board
Overview	C-Grid Connector Products
Product Name	C-Grid
UPC	800754222969

Physical
Breakaway	Yes
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.240/g
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Bag
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	2.032µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

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(2021)4569-DC (8 July 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
71308 Series

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

| Engineering Number | 71308-0104N |

Reference - Drawing Numbers

Application Specification	713080001-AS-000
Packaging Specification	713080001-PK-000, PK-70873-0353-001
Product Specification	PS-71308-001
Sales Drawing	713080000-SD-000

This document was generated on 01/03/2022
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex](#):
  [15-91-0040](#)