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Part Number: [0713085420](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: 2.54mm Pitch C-Grid Breakaway Header, Surface Mount, Dual Row, Vertical, 20 Circuits, 1.50µm Minimum Bright Tin (Sn) Over Nickel (Ni) Plating, without PCB Locator Pegs

Documents:

3D Model	Packaging Specification 713080001-PK-000 (PDF)
3D Model (PDF)	Packaging Specification 713080002-PK-000 (PDF)
Drawing (PDF)	Packaging Specification 713080003-PK-000 (PDF)
Product Specification PS-71308-001 (PDF)	Packaging Specification PK-70873-0353-001 (PDF)
Application Specification 713080001-AS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification 713080000-PK-000 (PDF)	

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	883906271251

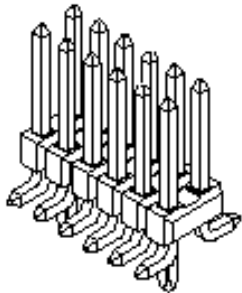
Physical

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	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.196/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
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



Series image - Reference only

EU ELV

Not Relevant

EU 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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[71308 Series](#)

Duration at Max. Process Temperature (seconds)	040
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	713080001-AS-000
Packaging Specification	713080000-PK-000, 713080001-PK-000, 713080002-PK-000, 713080003-PK-000, PK-70873-0353-001
Product Specification	PS-71308-001
Sales Drawing	713080000-SD-000

This document was generated on 01/17/2022

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