

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0713086452](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Breakaway Header, Surface Mount, Dual Row, Vertical, 52 Circuits, 1.50µm Minimum Bright Tin (Sn) Over Nickel (Ni) Plating, with 3.30mm PCB Locator Pegs

Documents:

3D Model	Packaging Specification 713080000-PK-000 (PDF)
3D Model (PDF)	Packaging Specification 713080001-PK-000 (PDF)
Drawing (PDF)	Packaging Specification 713080002-PK-000 (PDF)
Product Specification PS-71308-001 (PDF)	Packaging Specification 713080003-PK-000 (PDF)
Application Specification 713080001-AS-000 (PDF)	RoHS Certificate of Compliance (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	883906276805

Physical

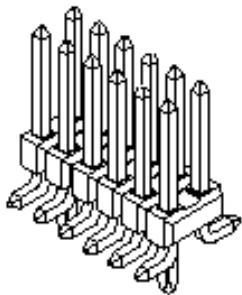
Breakaway	Yes
Circuits (Loaded)	52
Circuits (maximum)	52
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	4.057/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

Duration at Max. Process Temperature (seconds)	040
--	-----



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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](#)

Lead-free	Process 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
Product Specification		PS-71308-001
Sales Drawing		713080000-SD-000

This document was generated on 07/31/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION