

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0015913100

Status:

Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid Breakaway Header, Surface Mount, Dual Row, Vertical, 10 Circuits, 0.76µm Gold (Au) Selective Plating, without PCB Locator Pegs

Documents:

- [3D Model \(PDF\)](#)
- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-71308-001 \(PDF\)](#)
- [Application Specification 713080001-AS-000 \(PDF\)](#)
- [Packaging Specification 713080001-PK-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

Taxonomy

PCB Headers and Receptacles

UPC

800753772366

Physical

Breakaway

Yes

Circuits (Loaded)

10

Circuits (maximum)

10

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

0.598/g

Number of Rows

2

Orientation

Vertical

PCB Locator

No

PCB Retention

None

Packaging Type

Tube

Pitch - Mating Interface

2.54mm

Plating min - Mating

0.813µm

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

Mates With

C-Grid Surface Mount Right-Angle PCB Receptacle [71979](#) . C-Grid Surface Mount Vertical PCB Receptacle [71395](#) . C-Grid Through-hole Vertical PCB Receptacle [71850](#) . C-Grid Shunt Terminal Housing [7859](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Engineering Number	71308-0210N
--------------------	-------------

Reference - Drawing Numbers

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

This document was generated on 09/26/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION