

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0015453412

Status:

Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 12 Circuits

Documents:

- 3D Model

Application Specification 713080001-AS-000 (PDF)
- Drawing (PDF)

Application Specification AS-71395-001-001 (PDF)
- 3D Model (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-71395-001 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

71395

Application

Board-to-Board, Signal

Overview

C-Grid Connector Products

Product Name

C-Grid

UPC

800754203852

Physical

Circuits (Loaded)

12

Circuits (maximum)

12

Color - Resin

Black

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Capable

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

No

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Number of Rows

2

Orientation

Vertical

PC Tail Length

1.47mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.57mm

Packaging Type

Tray

Pitch - Mating Interface

2.54mm

Plating min - Mating

3.810µm

Plating min - Termination

3.810µm

Polarized to PCB

No

Surface Mount Compatible (SMC)

N/A

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Surface Mount

Electrical

Current - Maximum per Contact

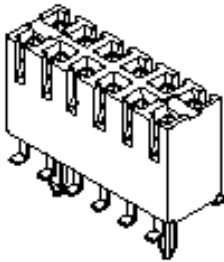
2.5A

Grounding to PCB

No

Voltage - Maximum

250V



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

For more information, please visit [Contact US](#)

China ROHS

Not Reviewed

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

Search Parts in this Series

71395 Series

Mates With

C-Grid Vertical Header [70246](#) , [70227](#) , [70567](#)
 C-Grid Right Angle Header [70247](#) , [74162](#)
 C-Grid Breakaway Header [70287](#) , [70280](#) , [70524](#)

Solder Process Data

Lead-freeProcess Capability	REFLOW
Process Temperature max. C	260

Material Info

Engineering Number	713950012
--------------------	-----------

Reference - Drawing Numbers

Application Specification	713080001-AS-000, AS-71395-001-001
Product Specification	PS-71395-001
Sales Drawing	SDA-71395-0XXX-001

This document was generated on 07/31/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

Molex:

15-45-3412