

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0015453650

Status:

Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 50 Circuits

Documents:

- 3D Model

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

Packaging Specification PK-70873-0662-001 (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

800754204149

Physical

Circuits (Loaded)

50

Circuits (maximum)

50

Color - Resin

Black

Durability (mating cycles max)

50

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

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

4.228/g

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

0.762µm

Plating min - Termination

1.905µm

Polarized to PCB

No

Surface Mount Compatible (SMC)

N/A

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Surface Mount

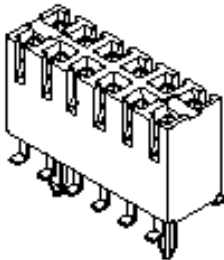
Electrical

Current - Maximum per Contact

2.5A

Grounding to PCB

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

[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](#)

Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	REFLOW
Process Temperature max. C	260
Material Info	
Engineering Number	713950250
Reference - Drawing Numbers	
Application Specification	713080001-AS-000
Packaging Specification	PK-70873-0662-001
Product Specification	PS-71395-001
Sales Drawing	SDA-71395-0XXX-001

This document was generated on 09/13/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

Molex:

15-45-3650