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Part Number:

0702465004

Status:

Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid Header, Low Profile, Dual Row, Vertical, Shrouded, 50 Circuits, 0.127µm Gold (Au) Plating, Tin(Sn) PC Tail Plating

Documents:

- Drawing (PDF)

Application Specification 713080001-AS-000 (PDF)
- 3D Model

Packaging Specification PK-87835-001-001 (PDF)
- 3D Model (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-70246-100-001 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

70246

Application

Signal, Wire-to-Board

Component Type

PCB Header

Overview

C-Grid Connector Products

Product Name

C-Grid

Taxonomy

PCB Headers and Receptacles

UPC

822348757398

Physical

Breakaway

No

Circuits (Loaded)

50

Circuits (maximum)

50

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Capable

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

None

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Net Weight

5.542/g

Number of Rows

2

Orientation

Vertical

PC Tail Length

3.43mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Tray

Pitch - Mating Interface

2.54mm

Pitch - Termination Interface

2.54mm

Plating min - Mating

0.127µm

Plating min - Termination

1.905µm

Polarized to Mating Part

Yes

Polarized to PCB

No

Shrouded

Closed Ends

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-55° to +120°C

Termination Interface: Style

Through Hole



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

Not 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

70246 Series

Mates With

C-Grid Vertical PCB Receptacle [71850](#) ,
[71395](#) . SL Crimp Housing [70450](#)

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers

Application Specification	713080001-AS-000
Packaging Specification	PK-87835-001-001
Product Specification	PS-70246-100-001
Sales Drawing	SDA-70246-XX20-25_39-41-0

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