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Part Number:

0015445142

Status:

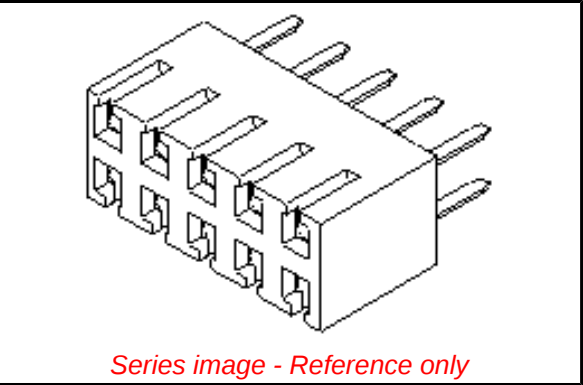
Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid Receptacle, Through Hole, Dual Row, High Profile, Vertical, High-Temperature, 42 Circuits



Series image - Reference only

Documents:

- [3D Model](#)
- [3D Model \(PDF\)](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-70181-001 \(PDF\)](#)
- [Application Specification 713080001-AS-000 \(PDF\)](#)
- [Packaging Specification PK-70873-0660-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

71850

Application

Board-to-Board, Signal

Overview

C-Grid Connector Products

Product Name

C-Grid

UPC

822350924184

Physical

Circuits (Loaded)

42

Circuits (maximum)

42

Color - Resin

Black

Durability (mating cycles max)

50

Flammability

94V-0

Glow-Wire Capable

No

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

3.442/g

Number of Rows

2

Orientation

Vertical

PC Tail Length

3.05mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.57mm

Packaging Type

Tray

Pitch - Mating Interface

2.54mm

Pitch - Termination Interface

2.54mm

Plating min - Mating

0.762µm

Plating min - Termination

1.905µm

Polarized to Mating Part

No

Polarized to PCB

No

Stackable

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

2.5A

Voltage - Maximum

500V AC (RMS)

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

71850 Series

Mates With

C-Grid Breakaway Vertical Header [70287](#)
, [71308](#) , [70280](#)
 C-Grid Breakaway
Right-Angle Header [71764](#) , [70216](#)
 C-
Grid Vertical Headers [70246](#) , [70567](#) , [70568](#)

 C-Grid Right-Angle Headers [70247](#) ,
[70229](#) , [74162](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	040
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Engineering Number	71850-0212
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Reference - Drawing Numbers

Application Specification	713080001-AS-000
Packaging Specification	PK-70873-0660-001
Product Specification	PS-70181-001
Sales Drawing	SDA-71850-0XXX-001

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