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Part Number:

0015445840

Status:

Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid Receptacle, Through Hole, Dual Row, High Profile, Vertical, High-Temperature, 40 Circuits

Documents:

Drawing (PDF)

3D Model (PDF)

3D Model

Product Specification PS-70181-001 (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

Taxonomy

PCB Headers and Receptacles

UPC

800754226462

Physical

Circuits (Loaded)

40

Circuits (maximum)

40

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

3.278/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

Plating min - Mating

0.381µm

Plating min - Termination

1.905µm

Polarized to PCB

No

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

2.5A

Voltage - Maximum

250V

Solder Process Data

Lead-freeProcess Capability

SMC&WAVE

Process Temperature max. C

260



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

[71850](#) Series

Mates With

C-Grid Vertical Header [70246](#) , [70567](#) , [70568](#) . C-Grid Right-Angle Header [70247](#) , [74162](#) . C-Grid Vertical Breakaway Header [70280](#) , [71308](#) , [70287](#) . C-Grid Right-Angle Breakaway Header [71764](#) , [70216](#)

Material Info

Engineering Number

A718500147

Reference - Drawing Numbers

Packaging Specification

PK-70873-0660-001

Product Specification

PS-70181-001

Sales Drawing

SDA-71850-0XXX-001

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