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Part Number:

0015445110

Status:

Active

Overview:

C-Grid® / SL™ Products

Description:

2.54mm (.100") Pitch C-Grid® Receptacle, Through Hole, Dual Row, High Profile, Vertical, High-Temperature, 10 Circuits

Documents:

3D Model

Product Specification PS-70181 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

PCB Receptacles

Series

71850

Application

Board-to-Board

Overview

C-Grid® / SL™ Products

Product Name

C-Grid®

Physical

Circuits (Loaded)

10

Color - Resin

Black

Durability (mating cycles max)

50

Flammability

94V-0

Glow-Wire Compliant

No

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Number of Rows

2

Orientation

Vertical

PC Tail Length (in)

0.120 In

PC Tail Length (mm)

3.05 mm

PCB Locator

No

PCB Retention

None

PCB Thickness Recommended (in)

0.062 In

PCB Thickness Recommended (mm)

1.60 mm

Packaging Type

Tray

Pitch - Mating Interface (in)

0.100 In

Pitch - Mating Interface (mm)

2.54 mm

Plating min: Mating (µin)

30

Plating min: Mating (µm)

0.75

Plating min: Termination (µin)

75

Plating min: Termination (µm)

1.875

Polarized to PCB

No

Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Through Hole

Electrical

CSA

LR19980

Current - Maximum

2.5A

UL

E29179

Voltage - Maximum

250V

Solder Process Data

Lead-free Process Capability

SMC & Wave Capable (TH only)

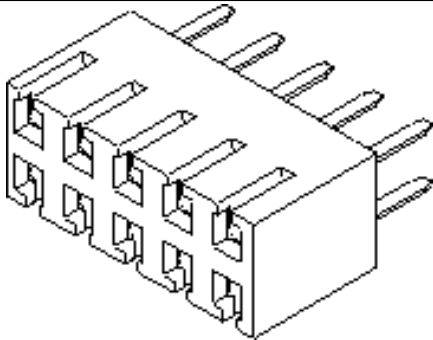
Process Temperature max. C

260

Material Info

Old Part Number

71850-0196



Series image - Reference only

EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Contains SVHC: No
Halogen-Free

Status

Halogen-Free

China RoHS



Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

71850 Series

Mates With

8624 , 70203 , 70246 Straight Header,
70247 Right Angle Header, 70287 , 70289
, 70227 , 70567 , 70280 , 70524 , 70260 ,
8723 , 70568 , 8724 , 71764 , 70229 , 70216
, 71308

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-70181

SDA-71850-0***

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