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Part Number:

15-44-6850

Status:

Active

Overview:

C-Grid® Products

Description:

2.54mm Pitch C-Grid® Receptacle, Through Hole, Dual Row, High Profile, Vertical, High-Temperature, 50 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-70181 (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® Products

Product Name

C-Grid®

Physical

Circuits (Loaded)

50

Color - Resin

Black

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Compliant

No

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

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

3.810µm

Plating min - Termination

3.810µm

Polarized to PCB

No

Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

2.5A

Voltage - Maximum

250V

Solder Process Data

Lead-free Process Capability

SMC & Wave Capable (TH only)

Process Temperature max. C

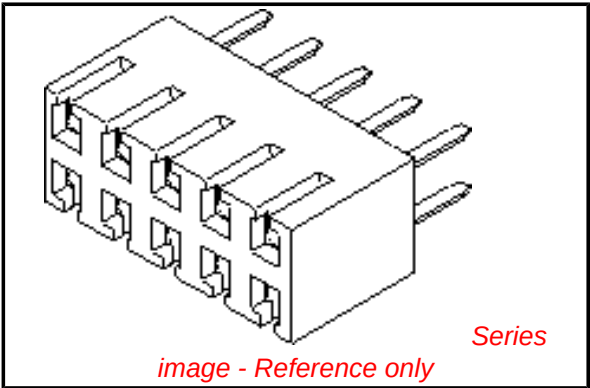
260

Material Info

Old Part Number

71850-0088

Reference - Drawing Numbers



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

71850Series

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

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