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Part Number:

15-45-3418

Status:

Active

Overview:

C-Grid® Products

Description:

2.54mm Pitch C-Grid® PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 18 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-71395 (PDF)

Application Specification AS-71395-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

71395

Application

Board-to-Board, Signal

Overview

C-Grid® Products

Product Name

C-Grid®

UPC

800755003154

Physical

Circuits (Loaded)

18

Circuits (maximum)

18

Color - Resin

Black

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Compliant

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

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

1.47mm

PCB Locator

Yes

PCB Retention

Yes

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

Surface Mount Compatible (SMC)

N/A

Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Surface Mount

Electrical

Current - Maximum per Contact

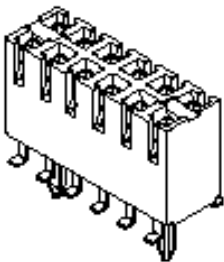
2.5A

Grounding to PCB

No

Voltage - Maximum

250V



Series

image - Reference only

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](mailto: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

71395Series

Mates With

8624 C-Grid® Breakaway Header, 70246 Straight Header, 70247 Right Angle Header, 70287 C-Grid® Header, 70227 Dual Row C-Grid® Header, 70567 C-Grid® Header, 70280 C-Grid® Breakaway Header, 70524 C-Grid® Breakaway Header

**Solder Process Data**

|                              |                           |
|------------------------------|---------------------------|
| Lead-free Process Capability | Reflow Capable (SMT only) |
| Process Temperature max. C   | 260                       |

**Material Info**

|                 |            |
|-----------------|------------|
| Old Part Number | 71395-0018 |
|-----------------|------------|

**Reference - Drawing Numbers**

|                           |                |
|---------------------------|----------------|
| Application Specification | AS-71395-001   |
| Product Specification     | PS-71395       |
| Sales Drawing             | SDA-71395-0*** |

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