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Part Number: [0702871229](#)

Status: **Active**

Overview: [C-Grid® Products](#)

Description: 2.54mm Pitch C-Grid® Header, Breakaway, Dual Row, Vertical, with Retention Pin, 70 Circuits, 6.10mm Mating Pin Length, 0.76µm Gold (Au) Selective Plating

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-70280 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980

UL E29179

General

Product Family

PCB Headers

Series

[70287](#)

Application

Board-to-Board, Signal, Wire-to-Board

Overview

[C-Grid® Products](#)

Product Name

C-Grid®

UPC

822350866873

Physical

Breakaway Yes

Circuits (Loaded) 70

Circuits (maximum) 70

Color - Resin Black

Durability (mating cycles max) 25

First Mate / Last Break No

Flammability 94V-0

Glow-Wire Compliant No

Guide to Mating Part No

Keying to Mating Part N/A

Lock to Mating Part None

Material - Metal Brass

Material - Plating Mating Gold

Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 4.917/g

Number of Rows 2

Orientation Vertical

PC Tail Length 3.18mm

PCB Locator No

PCB Retention None

PCB Thickness - Recommended 1.57mm

Packaging Type Bag

Pitch - Mating Interface 2.54mm

Pitch - Termination Interface 2.54mm

Plating min - Mating 0.813µm

Plating min - Termination 2.032µm

Polarized to Mating Part No

Polarized to PCB No

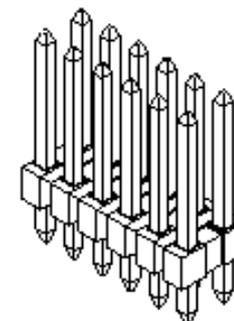
Shrouded No

Stackable Yes

Surface Mount Compatible (SMC) Yes

Temperature Range - Operating -40°C to +120°C

Termination Interface: Style Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014

December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com

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

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[70287 Series](#)

Mates With

7859 Shunt, C-Grid Receptacles, SL™ Crimp, FFC and IDT Housing

Electrical

| | |
|-------------------------------|---------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 250V DC |

Solder Process Data

| | |
|--|------|
| Duration at Max. Process Temperature (seconds) | 005 |
| Lead-free Process Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |

Material Info**Reference - Drawing Numbers**

| | |
|-----------------------|--------------|
| Product Specification | PS-70280 |
| Sales Drawing | SD-70287-004 |

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