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Part Number: **0702800448**
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Breakaway Header, Dual Row, Vertical, High Temperature, 100 Circuits, Tin (Sn) Plating, 2.72mm PC Tail Length

Documents:

| | |
|--------------------------------|---|
| 3D Model | Product Specification PS-70280-001 (PDF) |
| 3D Model (PDF) | Packaging Specification PK-70873-0353-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|---------------------------------------|
| Product Family | PCB Headers |
| Series | <u>70280</u> |
| Application | Board-to-Board, Signal, Wire-to-Board |
| Overview | <u>C-Grid Connector Products</u> |
| Product Name | C-Grid |
| UPC | 822348773640 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | Yes |
| Circuits (Loaded) | 100 |
| Circuits (maximum) | 100 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | None |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 6.077/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 2.79mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Bag |
| Pitch - Mating Interface | 2.54mm |
| Pitch - Termination Interface | 2.54mm |
| Plating min - Mating | 3.810µm |
| Plating min - Termination | 3.810µm |
| Polarized to Mating Part | No |
| Shrouded | No |
| Stackable | Yes |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Through Hole |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

70280 Series

Electrical

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

Solder Process Data

Lead-free Process Capability SMC&WAVE
Process Temperature max. C 260

Material Info

Engineering Number A-70280-0448

Reference - Drawing Numbers

Packaging Specification PK-70873-0353-001
Product Specification PS-70280-001
Sales Drawing SDA-70280-0001-4000-001

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