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**Part Number:** **0702800478**  
**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, 2.79mm PC Tail Length

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-70280-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-70873-0353-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**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	822348774043

**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	6.877/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-70280-0478

**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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