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Part Number: [70280-0440](#)
Status: **Active**
Overview: [C-Grid® Products](#)
Description: 2.54mm Pitch C-Grid® Breakaway Header, Dual Row, Vertical, High Temperature, 84 Circuits, Tin (Sn) Plating, 2.72mm PC Tail Length

Documents:

3D Model	Product Specification PS-70280 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	70280
Application	Board-to-Board, Signal, Wire-to-Board
Overview	C-Grid® Products
Product Name	C-Grid®
UPC	822348773565

Physical

Breakaway	Yes
Circuits (Loaded)	84
Circuits (maximum)	84
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	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	5.589/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°C to +105°C
Termination Interface: Style	Through Hole



image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



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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

[70280Series](#)

Electrical

Current - Maximum per Contact	3A
Voltage - Maximum	250V

Solder Process Data

Lead-free Process Capability	SMC & Wave Capable (TH only)
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-70280
Sales Drawing	SDA-70280-0001-4000

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