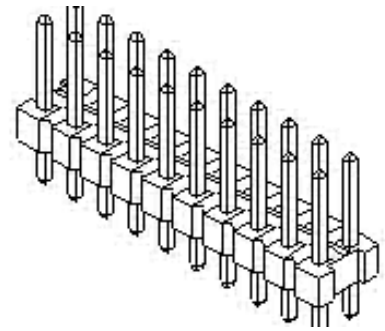




Part Number : [10977805](#)

Product Description : 2.54mm Pitch C-Grid
Breakaway Header, Dual Row, Vertical, High
Temperature, 80 Circuits, Tin (Sn) Plating, 2.79mm PC
Tail Length

Series Number : 70280

Status : Obsolete

Product Category : PCB Headers and Receptacles

Engineering Part Number : A-70280-0160

Documents and Resources

Drawings

[010977805_sd.pdf](#)

[PK-70873-0353-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[PS-70280-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Product not active
China RoHS	Product not active
EU ELV	Product not active
Low-Halogen Status	Product not active
REACH SVHC	Product not active
EU RoHS	Product not active

[Compliance Statements](#)

- EU RoHS

- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Obsolete
Category	PCB Headers and Receptacles
Series	70280
Description	2.54mm Pitch C-Grid Breakaway Header, Dual Row, Vertical, High Temperature, 80 Circuits, Tin (Sn) Plating, 2.79mm PC Tail Length
Application	Board-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	C-Grid
UPC	800755032000

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	Yes
Circuits (Loaded)	80
Circuits (maximum)	80
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	5.897/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Bag
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
PC Tail Length	2.79mm
Pitch - Mating Interface	2.54mm
Plating min - Mating	3.810µm
Plating min - Termination	3.810µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Lead-Free Process Capability	Product not active
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Max-Temp	Product not active
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Mates With / Use With

Mates with Part(s)

Description	Part Number
C-Grid Right-Angle, Dual Row, Surface Mount PCB Receptacles	<u>71979</u>
C-Grid Vertical, Dual Row, High Profile, Surface Mount PCB Connectors	<u>71395</u>
C-Grid Vertical, Dual Row, High Profile, Through Hole PCB Receptacles	<u>71850</u>
2.54mm Pitch C-Grid Shunt Terminal Housings	<u>7859</u>

This document was generated on Feb 27, 2026