

Part Number : [717640110](#)

Product Description : 2.54mm Pitch C-Grid
Breakaway Header, Low Profile, Dual Row, Right-Angle,
High Temperature, 10 Circuits, 0.38µm Gold (Au)
Selective Plating

Series Number : 71764

Status : Active

Product Category : PCB Headers and Receptacles

Documents and Resources

Drawings

[717640110 sd.pdf](#)

[PK-70873-0075-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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


Specifications

[713080001-AS-000.pdf](#)

[PS-71764-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

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	Active
Category	PCB Headers and Receptacles
Series	71764
Description	2.54mm Pitch C-Grid Breakaway Header, Low Profile, Dual Row, Right-Angle, High Temperature, 10 Circuits, 0.38µm Gold (Au) Selective Plating
Application	Board-to-Board, Wire-to-Board
Component Type	PCB Header
Product Name	C-Grid
UPC	756054513071

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	Yes
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-0
Gender	Male
Glow-Wire Capable	No
Lock to Mating Part	No
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Mounting Style	Through Hole
Net Weight	0.825/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tube
PCB Locator	No
PCB Retention	No
PC Tail Length	2.79mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to Mating Part	No
Shrouded	Unshrouded
Stackable	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Lead-Free Process Capability	SMC&WAVE
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Max-Temp	260
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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>

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