



**Part Number :** [10894262](#)

**Product Description :** C-Grid Breakaway Header, 2.54mm Pitch, High Profile, Dual Row, Right-Angle, 26 Circuits, 6.10mm Mating Pin Length, 0.38µm Gold (Au) Plating

**Series Number :** 70216

**Status :** Active

**Product Category :** PCB Headers and Receptacles

**Engineering Part Number :** A-70216-0246



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## Documents and Resources

### Drawings

[010894262\\_sd.pdf](#)

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

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

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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


### Specifications

[PS-70216-001.pdf](#)

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## 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	Not 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	70216
Description	C-Grid Breakaway Header, 2.54mm Pitch, High Profile, Dual Row, Right-Angle, 26 Circuits, 6.10mm Mating Pin Length, 0.38µm Gold (Au) Plating
Application	Board-to-Board, Wire-to-Board
Component Type	PCB Header
Product Name	C-Grid
UPC	800753609907

### Agency

CSA	LR19980
UL	E29179

### Electrical

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

## Physical

Breakaway	Yes
Circuits (Loaded)	26
Circuits (maximum)	26
Color - Resin	Black
Durability (mating cycles max)	50
First Mate / Last Break	No
Gender	Male
Glow-Wire Capable	No
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Mounting Style	Through Hole
Net Weight	2.133/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	3.810µm
Plating min - Termination	1.910µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	Unshrouded
Stackable	Yes
Temperature Range - Operating	-40° to +120°C
Termination Interface Style	Through Hole

## Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	235

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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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