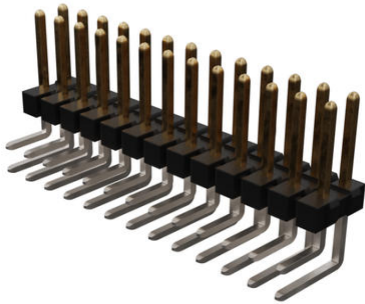




Part Number : [10894263](#)
Product Description : 2.54mm Pitch C-Grid
Breakaway Header, High Profile, Dual Row, Right-
Angle, 26 Circuits, 8.13mm Mating Pin Length, 0.38µm
Gold (Au) Selective Plating
Series Number : 70216
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : 702160285



Documents & Resources

Drawings


- [010894263_sd.pdf](#)
- [PK-70873-0075-001.pdf](#)
- [PK-70873-0353-001.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)
- [Symbol and Footprint \(Multi-Format\)](#)

Specifications

- [713080001-AS-000.pdf](#)
- [PS-70216-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Not Relevant |
| 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)4165-DC (25 June 2025) |

| | |
|---------|---------------------------|
| 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 | 2.54mm Pitch C-Grid Breakaway Header, High Profile, Dual Row, Right-Angle, 26 Circuits, 8.13mm Mating Pin Length, 0.38µm Gold (Au) Selective Plating |
| Application | Board-to-Board, Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | C-Grid |
| UPC | 800754229715 |

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 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Lock to Mating Part | None |
| Material - Metal | Brass, Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Net Weight | 2.315/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Tube |
| PCB Locator | No |
| PCB Retention | None |
| 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

| | |
|--------------|---|
| Max-Duration | 5 |
|--------------|---|

| | |
|------------------------------|------|
| Lead-Free Process Capability | WAVE |
| Max-Cycle | 1 |
| Max-Temp | 235 |

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> |