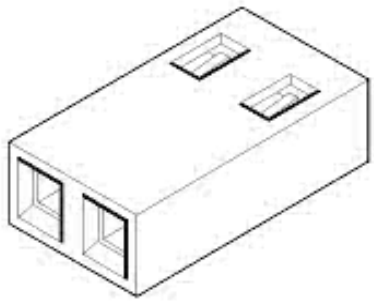
**Part Number :** 15291027
**Product Description :** 2.54mm Pitch C-Grid Shunt Terminal Housings, 0.762µm Gold (Au), 2 Circuits, with Pin Stop
**Series Number :** 7859
**Status :** Active
**Product Category :** Connector Accessories
**Engineering Number :** 7859-2A561N



## Documents & Resources

### Drawings

015291027_sd.pdf

PK-70873-0815-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

PS-7859-001.pdf

TS-7859-0001-001.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 | 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 | Connector Accessories |
| Series | 7859 |
| Description | 2.54mm Pitch C-Grid Shunt Terminal Housings, 0.762µm Gold (Au), 2 Circuits, with Pin Stop |
| Component Type | Shunt |
| Product Name | C-Grid,C-Grid III,SL |
| UPC | 800753604414 |

### Agency

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 5.0A |

### Physical

| | |
|---|---|
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |

| | |
|---|---|
| Color - Resin | Black |
| Flammability | 94V-0 |
| Lock to Mating Part | No |
| Material - Metal | Phosphor Bronze |
| Material - Resin | Polyester |
| Net Weight | 0.164/g |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Temperature Range - Operating | -40° to +105°C |

### Solder Process Data

| | |
|---|---|
| Lead-Free Process Capability | N/A |

## Mates With / Use With

### Use with Part(s)

| Description | Part Number |
|---|---|
| C-Grid Vertical Dual Row Breakaway Headers | 70280 |
| C-Grid Vertical, Dual Row, Surface Mount Breakaway Headers | 71308 |
| C-Grid Right-Angle Dual Row Breakaway Headers | 70216 |
| C-Grid Right-Angle, Dual Row, Low Profile, Breakaway Headers | 71764 |
| KK 254 Vertical Breakaway Headers with Friction Lock | 42375 |
| KK 254 Right-Angle Surface Mount Compatible Breakaway Headers | 42377 |
| KK 254 Single Row Vertical Headers | 4030 |