



**Part Number :** [15381026](#)  
**Product Description :** 2.54mm Pitch C-Grid Shunt  
Terminal Housings, Overall Tin (Sn), 2 Circuits, with Pin  
Stop  
**Series Number :** 7859  
**Status :** Active  
**Product Category :** Connector Accessories  
**Engineering Number :** 7859-2A164N



## Documents & Resources

### Drawings

[015381026 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; 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

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## Part Details

### General

Status	Active
Category	Connector Accessories
Series	7859
Description	2.54mm Pitch C-Grid Shunt Terminal Housings, Overall Tin (Sn), 2 Circuits, with Pin Stop
Component Type	Shunt
Product Name	C-Grid,C-Grid III,SL
UPC	800753604353

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	5.0A
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### 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
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### Mates With / Use With

#### Use with Part(s)

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