



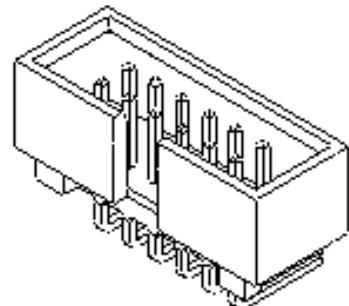
**Part Number :** 702472654

**Product Description :** 2.54mm Pitch C-Grid Header, Low Profile, Dual Row, Right Angle, Shrouded, 26 Circuits, 0.127µm Gold (Au) Plating, Tin(Sn) PC Tail Plating

**Series Number :** 70247

**Status :** Active

**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[Drawing 702472654\\_sd.pdf](#)

[Packaging Design Drawing PK-87835-001-001.pdf](#)

### 3D Models and Design Files

[3D Model 702472654\\_stp.zip](#)

### Specifications

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

[Product Specification PS-70246-100-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### **Part Details**

#### **General**

Status	Active
Category	PCB Headers and Receptacles
Series	70247
Description	2.54mm Pitch C-Grid Header, Low Profile, Dual Row, Right Angle, Shrouded, 26 Circuits, 0.127µm Gold (Au) Plating, Tin(Sn) PC Tail Plating
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	C-Grid Connector Products
Product Name	C-Grid
UPC	822348758432

#### **Agency**

CSA	LR19980
UL	E29179

#### **Electrical**

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V DC

#### **Physical**

Breakaway	No
Circuits (Loaded)	26
Circuits (maximum)	26
Color - Resin	Black

Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	3.570/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	2.54mm
PCB Locator	No
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.127µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Closed Ends
Stackable	No
Temperature Range - Operating	-55° to +120°C
Termination Interface Style	Through Hole

### Solder Process Data

Max-Duration	10
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 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>
SL Dual Row Crimp Housings	<u>70450</u>

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