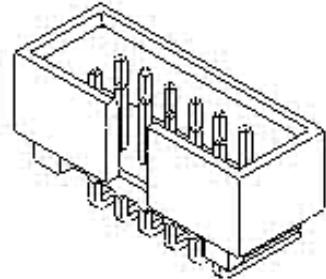


**Part Number :** 702474054

**Product Description :** 2.54mm Pitch C-Grid Header, Low Profile, Dual Row, Right Angle, Shrouded, 40 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

[702474054\\_sd.pdf](#)

[PK-87835-001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

### Specifications

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

[PS-70246-100-001.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	PCB Headers and Receptacles
Series	70247
Description	2.54mm Pitch C-Grid Header, Low Profile, Dual Row, Right Angle, Shrouded, 40 Circuits, 0.127µm Gold (Au) Plating, Tin(Sn) PC Tail Plating
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	C-Grid
UPC	822348758487

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	2.5A
-------------------------------	------

Voltage - Maximum	250V DC
-------------------	---------

## Physical

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
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	5.274/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PC Tail Length	2.54mm
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

---

## 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>

---

This document was generated on Sep 25, 2025