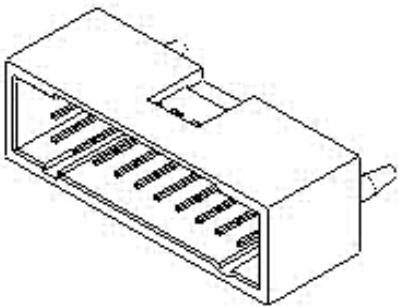




**Part Number :** [15477514](#)  
**Product Description :** 2.54mm Pitch C-Grid Header, Through Hole, Dual Row, Vertical, High Temperature, Shrouded, with Peg, 14 Circuits, Tin (Sn) Plating  
**Series Number :** 70568  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles  
**Engineering Number :** A-70568-0005



## Documents & Resources

### Drawings

[015477514 sd.pdf](#)  
[PK-70873-0018-001.pdf](#)

### 3D Models and Design Files


[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)  
[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[PS-70567-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	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	70568
Description	2.54mm Pitch C-Grid Header, Through Hole, Dual Row, Vertical, High Temperature, Shrouded, with Peg, 14 Circuits, Tin (Sn) Plating
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	C-Grid
UPC	800754627115

### Agency

CSA	LR19980
UL	E29179

### Electrical

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

### Physical



Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Black
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	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Tin-Lead
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.067/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
PC Tail Length	3.30mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	3.810µm
Plating min - Termination	3.810µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole

### Solder Process Data

Max-Duration	5
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Lead-Free Process Capability	SMC&WAVE
Max-Cycle	1
Max-Temp	245

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
C-Grid Vertical, Dual Row, High Profile, Through Hole PCB Receptacles	<u>71850</u>

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This document was generated on Sep 22, 2025