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**Part Number:** [0015477550](#)

**Status:** **Active**

**Overview:**

**Description:** 2.54mm Pitch C-Grid Header, Through Hole, Dual Row, Vertical, High Temperature, Shrouded, with Peg, 50 Circuits, Tin (Sn) Plating

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">70568</a>
Application	Signal, Wire-to-Board
Overview	cgrid_sl_products
Product Name	C-Grid
UPC	800755021066

**Physical**

Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
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 - Resin	High Temperature Thermoplastic
Net Weight	8.782/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.30mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	3.810µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	SMC&WAVE

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[70568](#) Series

Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	245

**Material Info**

Engineering Number	A-70568-0023
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**Reference - Drawing Numbers**

Packaging Specification	PK-70873-0018-001
Product Specification	PS-70567-001
Sales Drawing	SDA-70568-XXXX-001

This document was generated on 12/14/2021

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