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Part Number: **0015477508**
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Header, Through Hole, Dual Row, Vertical, High Temperature, Shrouded, with Peg, 8 Circuits, Tin (Sn) Plating

Documents:

3D Model	Product Specification PS-70567-001 (PDF)
3D Model (PDF)	Packaging Specification PK-70873-0018-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

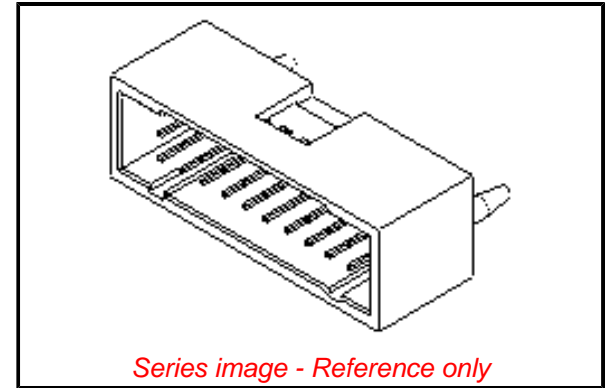
CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	70568
Application	Signal, Wire-to-Board
Component Type	PCB Header
Overview	C-Grid Connector Products
Product Name	C-Grid
Taxonomy	PCB Headers and Receptacles
UPC	800754627023

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.114/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
Plating min - Termination	3.810µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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](#)

Mates With

C-Grid Vertical PCB Receptacle [71850](#)

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-free Process Capability SMC&WAVE
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 245

Material Info

Engineering Number A-70568-0002

Reference - Drawing Numbers

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

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