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Part Number: [0015477542](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: 2.54mm Pitch C-Grid Header, Through Hole, Dual Row, Vertical, High Temperature, Shrouded, with Peg, 42 Circuits, Tin (Sn) Plating

Documents:

[3D Model](#) [Packaging Specification PK-70873-0018-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

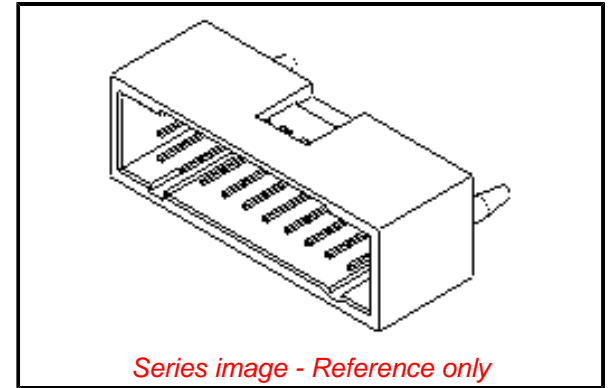
General

Product Family PCB Headers
 Series [70568](#)
 Application Signal, Wire-to-Board
 Overview [C-Grid Connector Products](#)
 Product Name C-Grid
 UPC 800754627443

Physical

Breakaway No
 Circuits (Loaded) 42
 Circuits (maximum) 42
 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 7.512/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



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](#)

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-70568-0019
Reference - Drawing Numbers	
Packaging Specification	PK-70873-0018-001
Sales Drawing	SDA-70568-XXXX-001

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