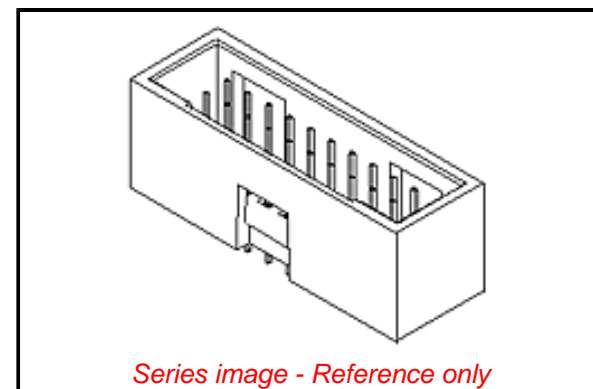


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Part Number: **0015800183**
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Header, Through Hole without Peg, Dual Row, Vertical, Shrouded, High Temperature, 18 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Documents:

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



Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [70567](#)
 3D Viewer Yes
 Application Signal, Wire-to-Board
 CURRENT-MAX-NUMERIC 2.5
 Overview [C-Grid Connector Products](#)
 PITCH-MATING-NUMERIC 2.54
 Product Name C-Grid
 UPC 800753974708

Physical

Breakaway No
 Circuits (Loaded) 18
 Circuits (maximum) 18
 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 Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 3.157/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 0.381µm
 Plating min - Termination 1.905µm
 Polarized to Mating Part Yes
 Polarized to PCB No
 Shrouded Fully

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/71/2019 (16 July
 2019)

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

[70567 Series](#)

Mates With

SL Crimp Housing [70450](#) , C-Grid PCB
 Receptacle [71395](#)

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

Material Info

Engineering Number	A-70567-0075
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Reference - Drawing Numbers

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

This document was generated on 09/25/2019

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