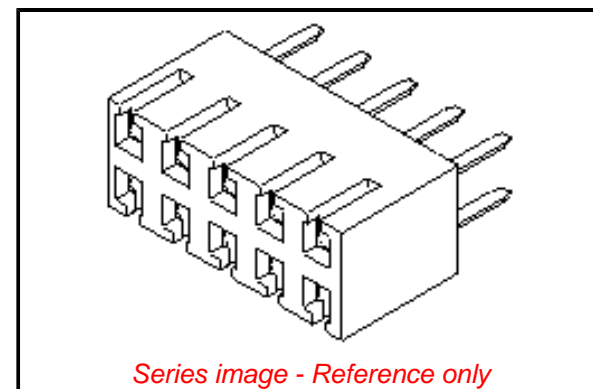


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Part Number: **0015445118**
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Receptacle, Through Hole, Dual Row, High Profile, Vertical, High-Temperature, 18 Circuits

Documents:

[3D Model](#) [Application Specification 713080001-AS-000 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification PK-70873-0660-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-70181-001 \(PDF\)](#)



Series image - Reference only

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [71850](#)
 Application Board-to-Board, Signal
 Overview [C-Grid Connector Products](#)
 Product Name C-Grid
 UPC 800754605618

Physical

Circuits (Loaded) 18
 Circuits (maximum) 18
 Color - Resin Black
 Durability (mating cycles max) 50
 Flammability 94V-0
 Glow-Wire Capable No
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 3.05mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.57mm
 Packaging Type Tray
 Pitch - Mating Interface 2.54mm
 Pitch - Termination Interface 2.54mm
 Plating min - Mating 0.762µm
 Plating min - Termination 1.905µm
 Polarized to PCB No
 Temperature Range - Operating -40° to +105°C
 Termination Interface: Style Through Hole

Electrical

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

Solder Process Data

Lead-free Process Capability SMC&WAVE
 Process Temperature max. C 260

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

China ROHS	Not Reviewed
ELV	Not Relevant
RoHS Phthalates	Not Reviewed

China RoHS

Search Parts in this Series

[71850 Series](#)

Mates With

C-Grid Breakaway Vertical Header [70287](#) , [71308](#) , [70280](#)
 C-Grid Breakaway Right-Angle Header [71764](#) , [70216](#)
 C-Grid Vertical Headers [70246](#) , [70567](#) , [70568](#)
 C-Grid Right-Angle Headers [70247](#) , [70229](#) , [74162](#)

Material Info

Engineering Number

71850-0200

Reference - Drawing Numbers

Application Specification

713080001-AS-000

Packaging Specification

PK-70873-0660-001

Product Specification

PS-70181-001

Sales Drawing

SDA-71850-0XXX-001

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