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Part Number:

0015446818

Status:

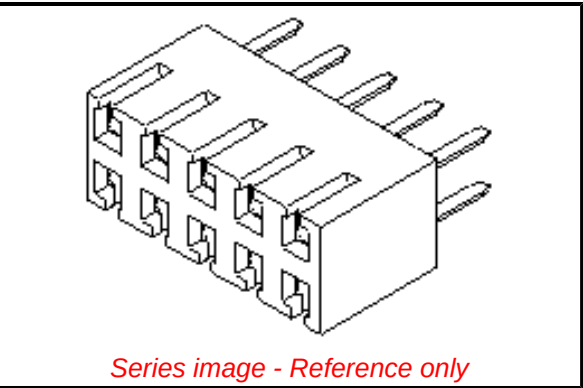
Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid Receptacle, Through Hole, Dual Row, High Profile, Vertical, High-Temperature, 18 Circuits



Series image - Reference only

Documents:

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

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
Taxonomy	PCB Headers and Receptacles
UPC	800754607605

Physical

Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	7.645/g
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
Plating min - Mating	3.810µm
Plating min - Termination	3.810µm
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-freeProcess Capability	SMC&WAVE
Process Temperature max. C	260

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

71850 Series

Mates With

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

Material Info

Engineering Number 71850-0072

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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