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Part Number: 0015445848
Status: Active
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid® Receptacle, Through Hole, Dual Row, High Profile, Vertical, High-Temperature, 48 Circuits

Documents:

[3D Model](#) [Product Specification PS-70181-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [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® Products
Product Name C-Grid®
UPC 800753995352

Physical

Circuits (Loaded) 48
Circuits (maximum) 48
Color - Resin Black
Durability (mating cycles max) 50
Flammability 94V-0
Glow-Wire Compliant 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
Plating min - Mating 0.381µm
Plating min - Termination 1.905µm
Polarized to PCB No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical

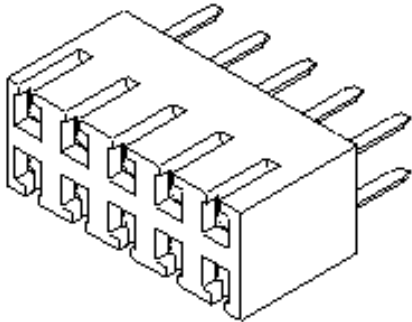
Current - Maximum per Contact 2.5A
Voltage - Maximum 250V

Solder Process Data

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

Material Info

Engineering Number 71850-0151



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

China RoHS

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Not Reviewed
ELV	Not Relevant
RoHS Phthalates	Not Reviewed

Search Parts in this Series

[71850 Series](#)

Mates With

8624 , 70203 , 70246 Straight Header, 70247 Right Angle Header, 70287 , 70289 , 70227 , 70567 , 70280 , 70524 , 70260 , 8723 , 70568 , 8724 , 71764 , 70229 , 70216, 71308

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-70181-001
SDA-71850-0***

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