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Part Number: 0015445878
Status: Active
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid® Receptacle, Through Hole, Dual Row, High Profile, Vertical, High-Temperature, 78 Circuits

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-70181-001 \(PDF\)](#)
[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® Products
Product Name C-Grid®
UPC 800753995543

Physical

Circuits (Loaded) 78
Circuits (maximum) 78
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
Net Weight 6.392/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 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

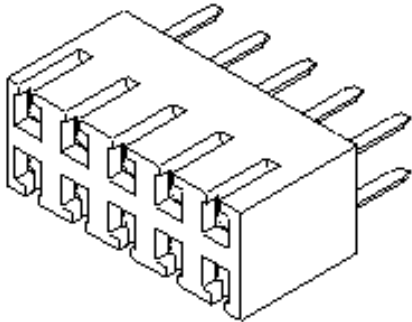
Current - Maximum per Contact 2.5A
Voltage - Maximum 250V

Solder Process Data

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

Material Info

Engineering Number 71850-0166



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

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 Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

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 , 70
216, 71308

Reference - Drawing Numbers

Product Specification
Sales Drawing

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

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