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Part Number: [0015445116](#)
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid Receptacle, Through Hole, Dual Row, High Profile, Vertical, High-Temperature, 16 Circuits

Documents:

[3D Model](#) [Product Specification TS-70541-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-70181-001 \(PDF\)](#)

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 800754829120

Physical

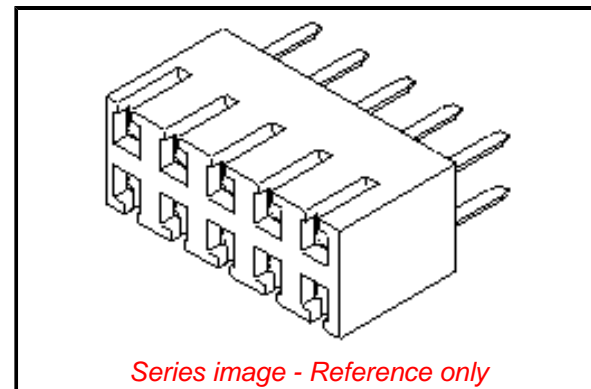
Circuits (Loaded) 16
 Circuits (maximum) 16
 Color - Resin Black
 Durability (mating cycles max) 50
 Flammability 94V-0
 Glow-Wire Compliant No
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 1.337/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
 Pitch - Termination Interface 2.54mm
 Plating min - Mating 0.762µm
 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-free Process Capability SMC&WAVE
 Process Temperature max. C 260



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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](#) , [70216](#) , [71308](#)

Material Info

Engineering Number

71850-0199

Reference - Drawing Numbers

Product Specification

PS-70181-001, TS-70541-001-001

Sales Drawing

SDA-71850-0***

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