

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0015445846

Status:

Active

Overview:

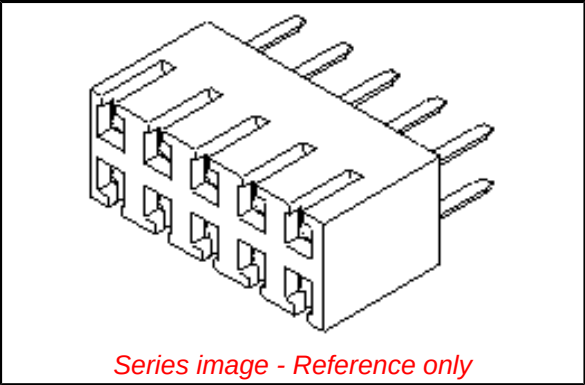
C-Grid® Products

Description:

2.54mm Pitch C-Grid® Receptacle, Through Hole, Dual Row, High Profile, Vertical, High-Temperature, 46 Circuits

Documents:	
3D Model	Product Specification PS-70181 (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	800753995338
Physical	
Circuits (Loaded)	46
Circuits (maximum)	46
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	3.770/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	
Old Part Number	71850-0150



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): No

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

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
SDA-71850-0***

This document was generated on 07/02/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION