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Part Number:

15-45-3148

Status:

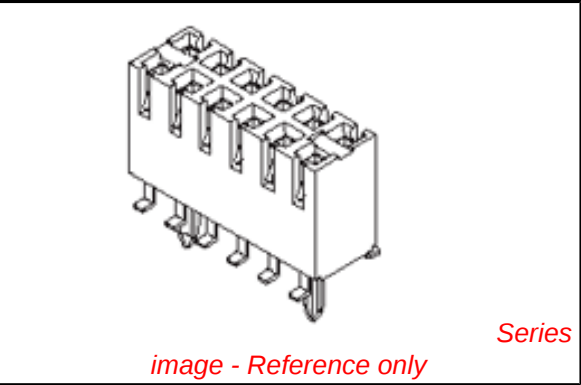
Active

Overview:

C-Grid® Products

Description:

2.54mm Pitch C-Grid® PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 48 Circuits



Documents:

3D Model

Drawing (PDF)

Product Specification PS-71395 (PDF)

Application Specification AS-71395-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Receptacles
Series		71395
Application		Board-to-Board, Signal
Overview		C-Grid® Products
Product Name		C-Grid®
UPC		800754610162
Physical		
Circuits (Loaded)		48
Circuits (maximum)		48
Color - Resin		Black
Durability (mating cycles max)		50
Flammability		94V-0
Glow-Wire Compliant		No
Guide to Mating Part		No
Keying to Mating Part		None
Lock to Mating Part		No
Material - Plating Mating		Gold
Material - Plating Termination		Tin
Material - Resin		High Temperature Thermoplastic
Number of Rows		2
Orientation		Vertical
PC Tail Length		1.47mm
PCB Locator		Yes
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
Surface Mount Compatible (SMC)		N/A
Temperature Range - Operating		-40°C to +105°C
Termination Interface: Style		Surface Mount
Electrical		
Current - Maximum per Contact		2.5A
Grounding to PCB		No
Voltage - Maximum		250V
Solder Process Data		

EU RoHS

China RoHS

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

71395Series

Mates With

8624 C-Grid® Breakaway Header, 70246 Straight Header, 70247 Right Angle Header, 70287 C-Grid® Header, 70227 Dual Row C-Grid® Header, 70567 C-Grid® Header, 70280 C-Grid® Breakaway Header, 70524 C-Grid® Breakaway Header

Lead-free Process Capability
Process Temperature max. C

Reflow Capable (SMT only)
260

Material Info

Reference - Drawing Numbers

Application Specification	AS-71395-001
Product Specification	PS-71395
Sales Drawing	SDA-71395-1***

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