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Part Number: [0015453112](#)
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 12 Circuits

Documents:

3D Model	Product Specification TS-70541-001-001 (PDF)
Drawing (PDF)	Application Specification AS-71395-001-001 (PDF)
Product Specification PS-71395-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

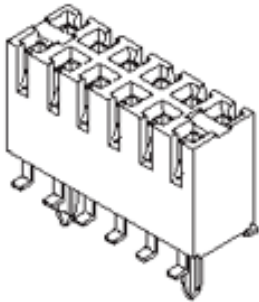
Product Family	PCB Receptacles
Series	71395
Application	Board-to-Board, Signal
Overview	C-Grid® Products
Product Name	C-Grid
UPC	800755002447

Physical

Circuits (Loaded)	12
Circuits (maximum)	12
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 - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.702/g
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

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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

[71395](#) Series

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

Solder Process Data

Lead-freeProcess Capability	REFLOW
Process Temperature max. C	260

Material Info

Engineering Number	71395-1112
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Reference - Drawing Numbers

Application Specification	AS-71395-001-001
Product Specification	PS-71395-001, TS-70541-001-001
Sales Drawing	SDA-71395-1***

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