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Part Number: [0015453144](#)
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 44 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	800754610117

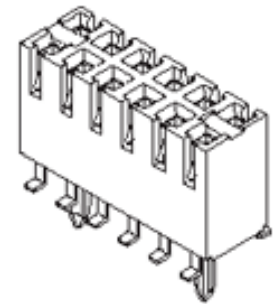
Physical

Circuits (Loaded)	44
Circuits (maximum)	44
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
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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	Not Reviewed
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ELV	Not Relevant
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RoHS Phthalates	Not Reviewed
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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](#)

Lead-free Process Capability
Process Temperature max. C

REFLOW
260

Material Info

Engineering Number

71395-1144

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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