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Part Number:

0015453512

Status:

Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 12 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-71395-001 (PDF)

Application Specification AS-71395-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

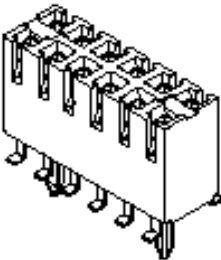
Product Family	PCB Receptacles
Series	71395
Application	Board-to-Board, Signal
Overview	C-Grid Connector Products
Product Name	C-Grid
UPC	800755003918

Physical

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	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	1.016/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	1.47mm
PCB Locator	Yes
PCB Retention	Yes
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° 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/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

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

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Engineering Number	71395-0112
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Reference - Drawing Numbers

Application Specification	AS-71395-001-001
Product Specification	PS-71395-001
Sales Drawing	SDA-71395-0XXX-001

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