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Part Number: [0015453514](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 14 Circuits

Documents:

[3D Model](#) [Application Specification AS-71395-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-71395-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

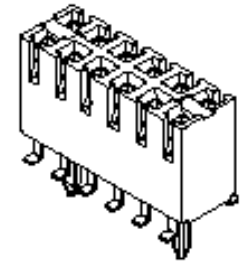
Product Family PCB Receptacles
 Series [71395](#)
 Application Board-to-Board, Signal
 Overview [C-Grid Connector Products](#)
 Product Name C-Grid
 UPC 800754204002

Physical

Circuits (Loaded) 14
 Circuits (maximum) 14
 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 1.185/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

REACH SVHC

Not Contained Per -
 ED/61/2018 (27 June
 2018)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Engineering Number	A713950114
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Reference - Drawing Numbers

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

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