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Part Number: [15-45-3110](#)
Status: **Active**
Overview: [C-Grid® Products](#)
Description: 2.54mm Pitch C-Grid® PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 10 Circuits

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

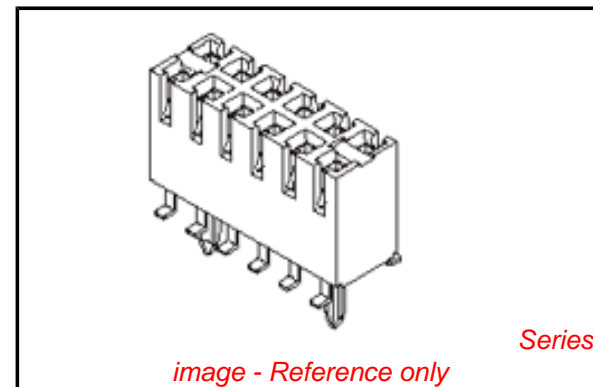
Product Family PCB Receptacles
 Series [71395](#)
 Application Board-to-Board, Signal
 Overview [C-Grid® Products](#)
 Product Name C-Grid®
 UPC 800754203593

Physical

Circuits (Loaded) 10
 Circuits (maximum) 10
 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 0.830/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



EU RoHS

**ELV and RoHS
 Compliant**

REACH SVHC

**Contains SVHC: No
 Low-Halogen Status
 Low-Halogen**

China RoHS



**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](#)

Voltage - Maximum

250V

Solder Process Data

Lead-free Process Capability
Process Temperature max. C

Reflow Capable (SMT only)
260

Material Info

Old Part Number

A713951110

Reference - Drawing Numbers

Application Specification
Product Specification
Sales Drawing

AS-71395-001
PS-71395
SDA-71395-1***

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