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Part Number: [15-45-3216](#)
Status: **Active**
Overview: C-Grid® / SL™ Products
Description: 2.54mm Pitch C-Grid® PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 16 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 E29179
 UL E29179

General

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

Physical

Circuits (Loaded) 16
 Color - Resin Black
 Durability (mating cycles max) 25
 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 Tin
 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 3.810µm
 Plating min - Termination 3.810µm
 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

Lead-free Process Capability Reflow Capable (SMT only)

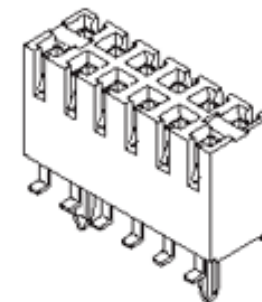


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Series

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

Process Temperature max. C

260

Material Info

Old Part Number

713951016

Reference - Drawing Numbers

Application Specification

AS-71395-001

Product Specification

PS-71395

Sales Drawing

SDA-71395-1***

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