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**Part Number:** [0015453318](#)  
**Status:** **Active**  
**Overview:** C-Grid Connector Products  
**Description:** 2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 18 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 713080001-AS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Application Specification AS-71395-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-70873-0304-001 (PDF)</a>
<a href="#">Product Specification PS-71395-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

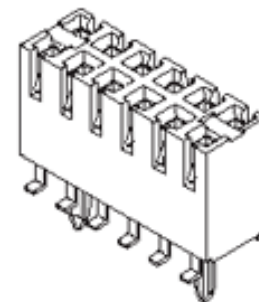
Product Family	PCB Receptacles
Series	<a href="#">71395</a>
Application	Board-to-Board, Signal
Overview	<a href="#">C-Grid Connector Products</a>
Product Name	C-Grid
UPC	800754611176

**Physical**

Circuits (Loaded)	18
Circuits (maximum)	18
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
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	0.762µm
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**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

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

China ROHS	Not Reviewed
ELV	Not Relevant
RoHS Phthalates	Not Reviewed

**China RoHS**

**Search Parts in this Series**

[71395 Series](#)

**Mates With**

C-Grid Vertical Header [70246](#) , [70227](#) , [70567](#) <br> C-Grid Right Angle Header [70247](#) , [74162](#) <br> C-Grid Breakaway Header [70287](#) , [70280](#) , [70524](#)

**Solder Process Data**

Lead-free Process Capability  
Process Temperature max. C

REFLOW  
260

**Material Info**

Engineering Number

71395-1218

**Reference - Drawing Numbers**

Application Specification

713080001-AS-000, AS-71395-001-001

Packaging Specification

PK-70873-0304-001

Product Specification

PS-71395-001

Sales Drawing

SDA-71395-1XXX-001

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