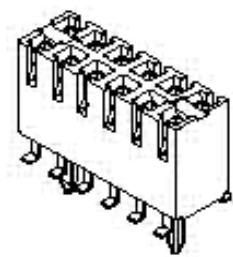




**Part Number :** [15453620](#)  
**Product Description :** 2.54mm Pitch C-Grid PCB  
Connector, Surface Mount, High Profile, Dual Row,  
Vertical, 20 Circuits  
**Series Number :** 71395  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles  
**Engineering Number :** 71395-0220



## Documents & Resources

### Drawings

[015453620 sd.pdf](#)  
[PK-70873-0662-001.pdf](#)

### 3D Models and Design Files


[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)  
[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[713080001-AS-000.pdf](#)  
[AS-71395-001-001.pdf](#)  
[PS-71395-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

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## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	71395
Description	2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 20 Circuits
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Name	C-Grid
UPC	800755004267

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	2.5A
Grounding to PCB	No
Voltage - Maximum	250V AC (RMS)

## Physical

Circuits (Loaded)	20
Circuits (maximum)	20
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	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.691/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.762µm
Plating min - Termination	1.905µm
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

## Solder Process Data

Lead-Free Process Capability	REFLOW
Max-Temp	260

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# Mates With / Use With

## Mates with Part(s)

Description	Part Number
C-Grid Vertical, Dual Row, Low Profile Headers	<u>70246</u>
C-Grid Vertical, Dual Row, Through Hole Headers without Peg	<u>70567</u>
C-Grid Right-Angle, Dual Row, Low Profile Headers	<u>70247</u>
C-Grid Right-Angle, Dual Row, Through Hole Headers	<u>74162</u>
C-Grid Vertical Dual Row Breakaway Headers	<u>70280</u>
C-Grid Vertical Dual Row Breakaway Headers with Retention Pin	<u>70287</u>
C-Grid Vertical, Dual Row, Surface Mount Breakaway Headers	<u>71308</u>
C-Grid Right-Angle Dual Row Breakaway Headers	<u>70216</u>
C-Grid Right-Angle, Dual Row, Low Profile, Breakaway Headers	<u>71764</u>