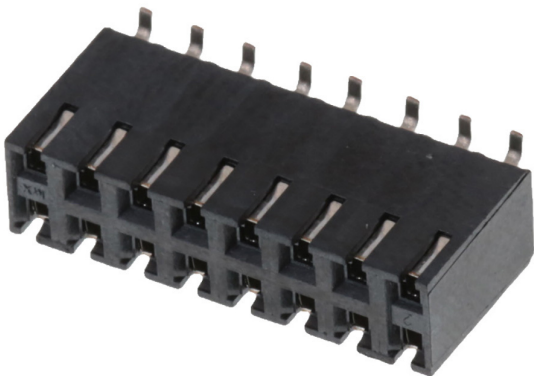




Part Number : [15453216](#)
Product Description : 2.54mm Pitch C-Grid
PCB Connector, Surface Mount, High Profile,
Dual Row, Vertical, 16 Circuits
Series Number : 71395
Status : Active
Product Category : PCB Headers and
Receptacles
Engineering Number : 713951016



Documents & Resources

Drawings

[Drawing 015453216_sd.pdf](#)
[Packaging Design Drawing PK-70873-0304-001.pdf](#)

3D Models and Design Files

[3D Model 015453216_stp.zip](#)

Specifications

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)
- Eu RoHS

- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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, 16 Circuits
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Family	C-Grid Connector Products
Product Name	C-Grid
UPC	800754203722

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.5A
Grounding to PCB	No
Voltage - Maximum	250V

Physical

Circuits (Loaded)	16
Circuits (maximum)	16

Color - Resin	Black
Durability (mating cycles max)	25
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	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.353/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	1.47mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.57mm
Pitch - Mating Interface	2.54mm
Plating min - Mating	3.810µm
Plating min - Termination	3.810µm
Polarized to PCB	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Solder Process Data

Lead-Free Process Capability	REFLOW
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
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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>