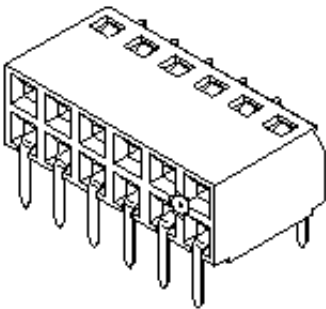




Part Number : [719730206](#)
Product Description : 2.54mm Pitch C-Grid
PCB Connector, Dual Row, Right-Angle, Early
Entry Receptacle, without Flange, 12 Circuits
Series Number : 71973
Status : Active
Product Category : PCB Headers and
Receptacles



Documents & Resources

Drawings

[Drawing 719730206_sd.pdf](#)
[Packaging Design Drawing PK-70873-0139-001.pdf](#)

3D Models and Design Files


[3D Model 719730206_stp.zip](#)

Specifications

[Application Specification 713080001-AS-000.pdf](#)
[Product Specification PS-71973-9999-001.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(2024)4144-DC (27 June 2024)
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	71973
Description	2.54mm Pitch C-Grid PCB Connector, Dual Row, Right-Angle, Early Entry Receptacle, without Flange, 12 Circuits
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Family	C-Grid and C-Grid III Connector Products
Product Name	C-Grid
UPC	800755017519

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	250V

Physical

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No

Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.182/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tube
PC Tail Length	3.05mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	3.05mm
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to PCB	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	WAVE
Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
C-Grid Right-Angle Through Hole Headers	<u>87911</u>
