



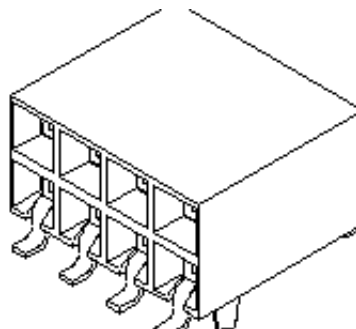
Part Number : [719790206](#)

Product Description : 2.54mm Pitch C-Grid Receptacle, Surface Mount, Dual Row, Right-Angle, 12 Circuits

Series Number : 71979

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[Drawing 719790206_sd.pdf](#)

[Packaging Design Drawing PK-70873-0138-001.pdf](#)

3D Models and Design Files

[3D Model 719790206_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 per ED/30/2017 (7 July 2017)
EU RoHS	Not Reviewed 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	71979
Description	2.54mm Pitch C-Grid Receptacle, Surface Mount, Dual Row, Right-Angle, 12 Circuits
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Family	C-Grid Connector Products
Product Name	C-Grid
UPC	800755019834

Electrical

Current - Maximum per Contact	1.0A, 2.0A, 3.0A
Voltage - Maximum	500V AC

Physical

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Glow-Wire Capable	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.082/g
Number of Rows	2
Orientation	Right Angle

Packaging Type	Tube
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to PCB	No
Stackable	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
C-Grid Right-Angle Through Hole Headers	<u>87911</u>
C-Grid Vertical Dual Row Breakaway Headers with Retention Pin	<u>70287</u>
C-Grid Vertical Dual Row Breakaway Headers	<u>70280</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>