



Part Number : [719790305](#)

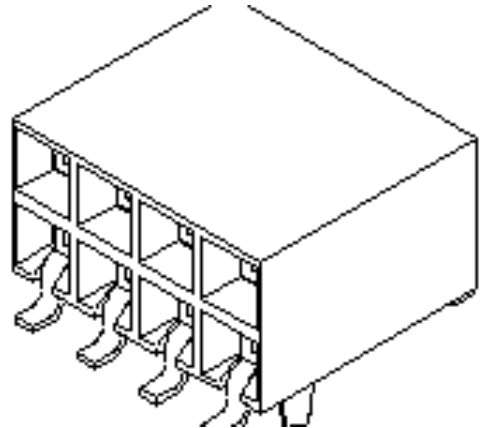
Product Description : 2.54mm Pitch C-Grid Receptacle, Surface Mount, Dual Row, Right-Angle, 10 Circuits

Series Number : 71979

Status : Active

Product Category : PCB Headers and Receptacles

Engineering Number : A719790305



Documents & Resources

Drawings

[719790305_sd.pdf](#)

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

3D Models and Design Files

[719790305_stp.zip](#)

Specifications

[PS-71973-9999-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 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	71979
Description	2.54mm Pitch C-Grid Receptacle, Surface Mount, Dual Row, Right-Angle, 10 Circuits
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Name	C-Grid
UPC	800754353984

Electrical

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

Physical

Circuits (Loaded)	10
Circuits (maximum)	10
Glow-Wire Capable	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.760/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tube

PC Tail Length	1.12mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.18mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.762µm
Plating min - Termination	1.905µm
Polarized to PCB	No
Stackable	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	REFLOW
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>
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>

This document was generated on Mar 27, 2025