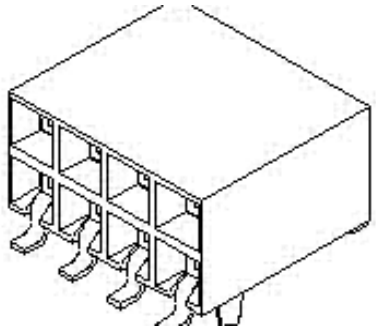
Part Number : 719790212
Product Description : 2.54mm Pitch C-Grid Receptacle, Surface Mount, Dual Row, Right-Angle, 24 Circuits
Series Number : 71979
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

719790212_sd.pdf

PK-70873-0138-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

713080001-AS-000.pdf

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(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

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, 24 Circuits
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Name	C-Grid
UPC	800754702096

Electrical

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

Physical

Circuits (Loaded)	24
Circuits (maximum)	24
First Mate / Last Break	No
Glow-Wire Capable	No
Material - Metal	Phosphor Bronze

Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.835/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

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	87911
C-Grid Vertical Dual Row Breakaway Headers with Retention Pin	70287
C-Grid Vertical Dual Row Breakaway Headers	70280

C-Grid Vertical, Dual Row, Surface Mount Breakaway Headers	71308
C-Grid Right-Angle Dual Row Breakaway Headers	70216
C-Grid Right-Angle, Dual Row, Low Profile, Breakaway Headers	71764