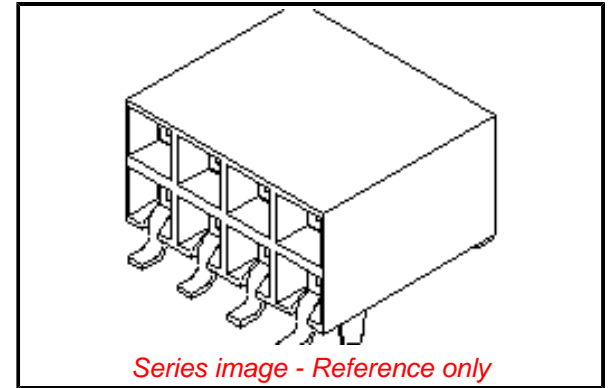


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0719790212](#)  
**Status:** **Active**  
**Overview:** C-Grid Connector Products  
**Description:** 2.54mm Pitch C-Grid Receptacle, Surface Mount, Dual Row, Right-Angle, 24 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 713080001-AS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-70873-0138-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-71973-9999-001 (PDF)</a>	



**General**

Product Family	PCB Receptacles
Series	<a href="#">71979</a>
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Overview	<a href="#">C-Grid Connector Products</a>
Product Name	C-Grid
Taxonomy	PCB Headers and Receptacles
UPC	800754702096

**Physical**

Circuits (Loaded)	24
Circuits (maximum)	24
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
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
Packaging Type	Tube
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

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

Not Relevant

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[71979 Series](#)

**Mates With**

C-Grid Right-Angle PCB Header [87911](#) . C-Grid Vertical PCB Header [70287](#) . C-Grid Vertical Breakaway Header [70280](#) , [71308](#) . C-Grid Right-Angle Breakaway Header [71764](#) , [70216](#)

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

713080001-AS-000  
PK-70873-0138-001  
PS-71973-9999-001  
SD-71979-001-001, SDA-71979-XXXX-001

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