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**Part Number:** [0719790320](#)  
**Status:** **Active**  
**Overview:** [cgrid\\_sl\\_products](#)  
**Description:** 2.54mm (.100") Pitch C-Grid® Receptacle, Surface Mount, Dual Row, Right Angle, 40 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-71973-9999 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	PCB Receptacles
Series	<a href="#">71979</a>
Application	Board-to-Board, Signal
Overview	<a href="#">cgrid_sl_products</a>
Product Name	C-Grid®

**Physical**

Circuits (Loaded)	40
Glow-Wire Compliant	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.18mm (.125")
Packaging Type	Tube
Pitch - Mating Interface	2.54mm (.100")
Pitch - Termination Interface	2.54mm (.100")
Plating min - Mating	0.762µm (30µ")
Plating min - Termination	1.905µm (75µ")
Polarized to PCB	No
Stackable	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	1A, 2A, 3A
Voltage - Maximum	500V AC

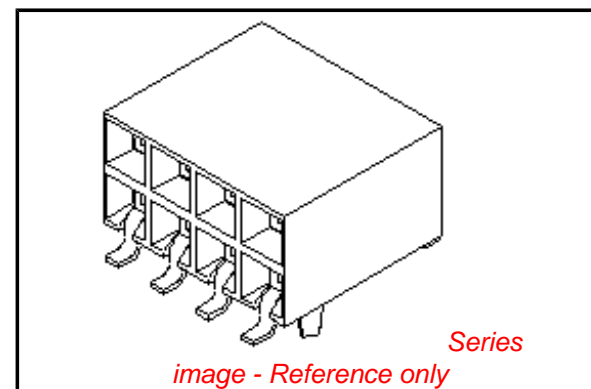
**Solder Process Data**

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-71973-9999
Sales Drawing	SDA-71979-****



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Not Reviewed**

**China RoHS**



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**Search Parts in this Series**

[71979Series](#)

**Mates With**

[87911 Header](#)

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