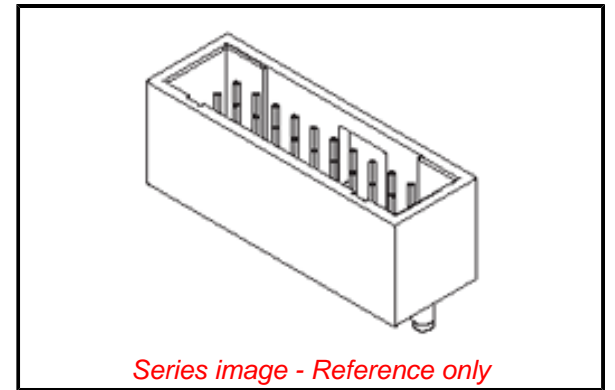


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0713491090](#)  
**Status:** **Active**  
**Overview:** [C-Grid Connector Products](#)  
**Description:** 2.54mm Pitch C-Grid Header, Surface Mount, Dual Row, Vertical, Shrouded, 48 Circuits, 0.76µm Gold (Au) Selective Plating, without Press-fit Plastic Pegs

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 713080001-AS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-70873-0018-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-71349-001-001 (PDF)</a>	



**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">71349</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">C-Grid Connector Products</a>
Product Name	C-Grid
UPC	822350023795

**Physical**

Breakaway	No
Circuits (Loaded)	48
Circuits (maximum)	48
Color - Resin	Black
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	8.312/g
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.762µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact 3.0A

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[71349](#) Series

**Mates With**

[70013](#) Interim Clip, [70450](#) Version A Crimp Housing, [71850](#) Through-hole Receptacle, [71395](#) SMT Receptacle

Voltage - Maximum 250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 030

Lead-free Process Capability REFLOW

Max. Cycles at Max. Process Temperature 003

Process Temperature max. C 245

**Material Info**

**Reference - Drawing Numbers**

Application Specification 713080001-AS-000

Packaging Specification PK-70873-0018-001

Product Specification PS-71349-001-001

Sales Drawing SDA-71349-XXXX-001

This document was generated on 09/14/2021

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