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Part Number: **0713491090**
Status: **Active**
Overview: C-Grid® 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:

3D Model	Product Specification TS-70541-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-0018 (PDF)
Product Specification PS-71349-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

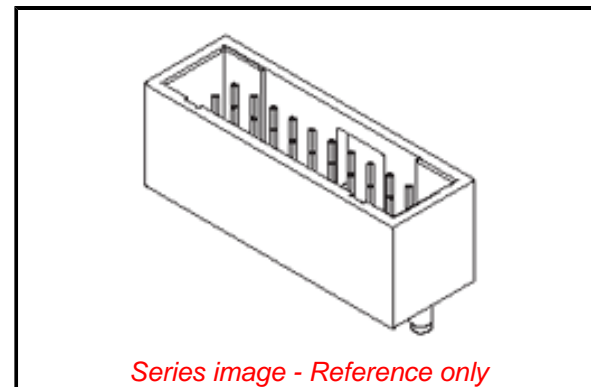
Product Family	PCB Headers
Series	71349
Application	Signal, Wire-to-Board
Overview	C-Grid® Products
Product Name	C-Grid®
UPC	822350023795

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 Compliant	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°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

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](#)

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**

Packaging Specification	PK-70873-0018
Product Specification	PS-71349-001-001, TS-70541-001-001
Sales Drawing	SDA-71349-****

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