



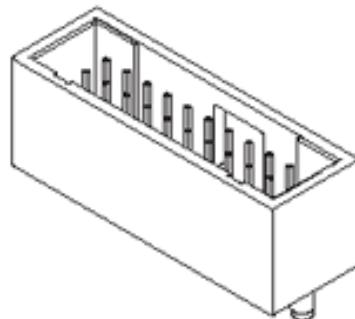
**Part Number :** 713492040

**Product Description :** 2.54mm Pitch C-Grid Header, Surface Mount, Dual Row, Vertical, Shrouded, 16 Circuits, 0.38µm Gold (Au) Selective Plating, with Press-fit Plastic Pegs

**Series Number :** 71349

**Status :** Active

**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[Drawing 713492040\\_sd.pdf](#)

[Packaging Design Drawing PK-70873-0018-001.pdf](#)

[Packaging Design Drawing PK-70873-0019-001.pdf](#)

### 3D Models and Design Files

[3D Model 713492040\\_stp.zip](#)

### Specifications

[Application Specification 713080001-AS-000.pdf](#)

[Product Specification PS-71349-001-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### **Part Details**

#### **General**

Status	Active
Category	PCB Headers and Receptacles
Series	71349
Description	2.54mm Pitch C-Grid Header, Surface Mount, Dual Row, Vertical, Shrouded, 16 Circuits, 0.38µm Gold (Au) Selective Plating, with Press-fit Plastic Pegs
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	C-Grid Connector Products
Product Name	C-Grid
UPC	800753524392

#### **Agency**

UL	E29179
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#### **Electrical**

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

#### **Physical**

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
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	3.352/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
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

## Solder Process Data

Max-Duration	30
Lead-Free Process Capability	REFLOW
Max-Cycle	3
Max-Temp	245