



Part Number : [741640014](#)
Product Description : 2.54mm Pitch C-Grid Receptacle, Right-Angle, Through Hole, Dual Row, Shrouded with Pegs, Version A, High-Temperature, 14 Circuits, 0.40µm Gold (Au)
Series Number : 74164
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

- [Drawing 741640014_sd.pdf](#)
- [Packaging Design Drawing PK-70873-0019-001.pdf](#)
- [Packaging Design Drawing PK-74163-9000-001.pdf](#)

3D Models and Design Files

- [3D Model 741640014_stp.zip](#)

Specifications

- [Application Specification 713080001-AS-000.pdf](#)
- [Product Specification PS-74164-001-001.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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	74164
Description	2.54mm Pitch C-Grid Receptacle, Right-Angle, Through Hole, Dual Row, Shrouded with Pegs, Version A, High-Temperature, 14 Circuits, 0.40µm Gold (Au)
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Family	C-Grid Connector Products
Product Name	C-Grid
UPC	883906878474

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	2.5A
Grounding to PCB	No
Voltage - Maximum	250V

Physical

Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Black
Durability (mating cycles max)	50

Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Performance Thermoplastic
Net Weight	3.814/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	None
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	None
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260