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Part Number: 0741640040

Status: **Active**

Overview: C-Grid Connector Products

Description: 2.54mm Pitch C-Grid Receptacle, Right-Angle, Through Hole, Dual Row, Shrouded with Pegs, Version A, High-Temperature, 40 Circuits, 0.40µm Gold (Au)

Documents:

3D Model

[Application Specification 713080001-AS-000 \(PDF\)](#)

3D Model (PDF)

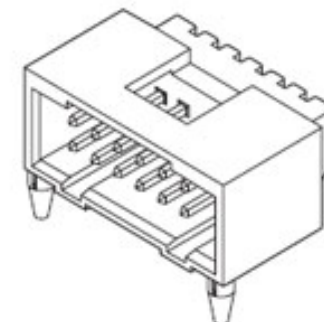
Packaging Specification PK-70873-0019-001 (PDF)

Drawing (PDF)

Packaging Specification PK-74163-9000-001 (PDF)

Product Specification PS-74164-001-001 (PDF)

[RoHS Certificate of Compliance \(PDF\)](#)



Series image - Reference only

Agency Certification

UL E29179

General

Product Family	PCB Receptacles
Series	<u>74164</u>
Application	Board-to-Board, Signal
Overview	<u>C-Grid Connector Products</u>
Product Name	C-Grid
Taxonomy	PCB Headers and Receptacles
UPC	883906878702

Physical

Circuits (Loaded)	40
Circuits (maximum)	40
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	8.689/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	None
Packaging Type	Tube
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
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2.5A
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

74164 Series

Grounding to PCB	No
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	713080001-AS-000
Packaging Specification	PK-70873-0019-001, PK-74163-9000-001
Product Specification	PS-74164-001-001
Sales Drawing	SD-74164-001-001

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