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Part Number: **0741620418**
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Header, Right-Angle, Through Hole, Dual Row, Shrouded, Version A, High-Temperature, 18 Circuits, 0.80µm Gold (Au)

Documents:

3D Model	Product Specification PS-74162-001-001 (PDF)
Drawing (PDF)	Application Specification 713080001-AS-000 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	<u>74162</u>
Application	Board-to-Board, Signal
Overview	<u>C-Grid Connector Products</u>
Product Name	C-Grid
UPC	883906879563

Physical

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
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	3.959/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	3.18mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.762µm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	None
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

74162 Series

Mates With

C-Grid Vertical Receptacle 71395 , 71850

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V

Solder Process Data

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

Material Info**Reference - Drawing Numbers**

Application Specification	713080001-AS-000
Product Specification	PS-74162-001-001
Sales Drawing	SD-74162-001

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