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Part Number: 0015916142
Status: Active
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Breakaway Header, Surface Mount, Dual Row, Vertical, 14 Circuits, 0.38µm Gold (Au) Selective Plating, without PCB Locator Pegs, Tape and Reel



Series image - Reference only

Documents:

- Drawing (PDF)
- 3D Model (PDF)
- 3D Model
- Product Specification PS-71308-001 (PDF)
- Application Specification 713080001-AS-000 (PDF)
- Packaging Specification 713080000-PK-000 (PDF)
- Packaging Specification 713080001-PK-000 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	71308
Application	Board-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Overview	C-Grid Connector Products
Product Name	C-Grid
Taxonomy	PCB Headers and Receptacles
UPC	800756040165

Physical

Breakaway	Yes
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.843/g
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	2.032µm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
Shrouded	No
Stackable	Yes
Temperature Range - Operating	-40° to +120°C
Termination Interface: Style	Surface Mount

EU ELV
Not Relevant

EU RoHS **China 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
71308 Series

Mates With
C-Grid Surface Mount Right-Angle PCB Receptacle 71979 . C-Grid Surface Mount Vertical PCB Receptacle 71395 . C-Grid Through-hole Vertical PCB Receptacle 71850 . C-Grid Shunt Terminal Housing 7859

Electrical	
Current - Maximum per Contact	3.0A
Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	REFLOW
Process Temperature max. C	260
Material Info	
Engineering Number	71308-1614
Reference - Drawing Numbers	
Application Specification	713080001-AS-000
Packaging Specification	713080000-PK-000, 713080001-PK-000
Product Specification	PS-71308-001
Sales Drawing	713080000-SD-000

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