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Part Number:

0010894202

Status:

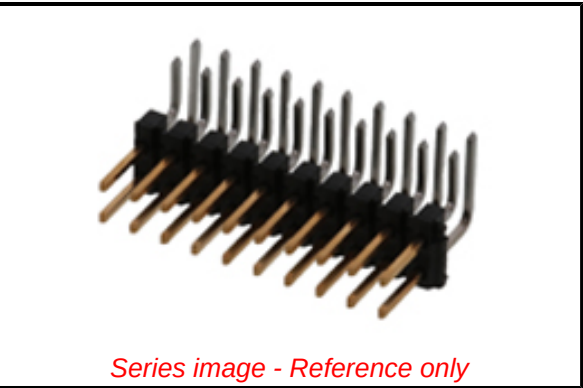
Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid Breakaway Header, High Profile, Dual Row, Right-Angle, 20 Circuits, 6.10mm Mating Pin Length, 0.38µm Gold (Au) Selective Plating



Documents:	
Drawing (PDF)	Application Specification 713080001-AS-000 (PDF)
3D Model	Packaging Specification PK-70873-0075-001 (PDF)
3D Model (PDF)	Packaging Specification PK-70873-0353-001 (PDF)
Product Specification PS-70216-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	70216
Application	Board-to-Board, Signal, Wire-to-Board
Overview	C-Grid Connector Products
Product Name	C-Grid
Taxonomy	PCB Headers and Receptacles
UPC	800755018387
Physical	
Breakaway	Yes
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	1.632/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	2.79mm
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Plating min - Mating	3.810µm
Plating min - Termination	3.810µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	3.0A

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
Halogen-Free	
Status	
Not 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

70216 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](#)

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	235
Material Info	
Engineering Number	70216-0243
Reference - Drawing Numbers	
Application Specification	713080001-AS-000
Packaging Specification	PK-70873-0075-001, PK-70873-0353-001
Product Specification	PS-70216-001
Sales Drawing	SD-70216-001-001, SD-70216-001-002

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