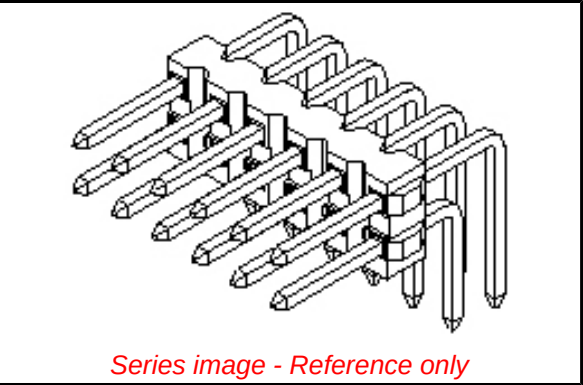


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Part Number: [0010883241](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: 2.54mm Pitch C-Grid Breakaway Header, High Profile, Dual Row, Right Angle, 24 Circuits, 6.10mm Mating Pin Length, Tin (Sn) Plating



Documents:
[3D Model](#)
[3D Model \(PDF\)](#)
[Drawing \(PDF\)](#)
[Product Specification PS-70216-001 \(PDF\)](#)
[Application Specification 713080001-AS-000 \(PDF\)](#)
[Packaging Specification PK-70873-0075-001 \(PDF\)](#)
[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
UPC	800753198661

Physical	
Breakaway	Yes
Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	2.146/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
Voltage - Maximum	250V

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - D(2021)4569-DC (8 July 2021) Halogen-Free Status Not Low-Halogen For more information, please visit Contact US	China RoHS China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[70216 Series](#)

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	70216-0089
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Reference - Drawing Numbers

Application Specification	713080001-AS-000
Packaging Specification	PK-70873-0075-001
Product Specification	PS-70216-001
Sales Drawing	SD-70216-001-001, SD-70216-001-002

This document was generated on 12/14/2021

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