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Part Number:

10-89-4146

Status:

Active

Overview:

C-Grid® Products

Description:

2.54mm Pitch C-Grid® Breakaway Header, High Profile, Dual Row, Right Angle, 14 Circuits, 6.10mm Mating Pin Length, 0.76µm Gold (Au) Selective Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-70216 (PDF)

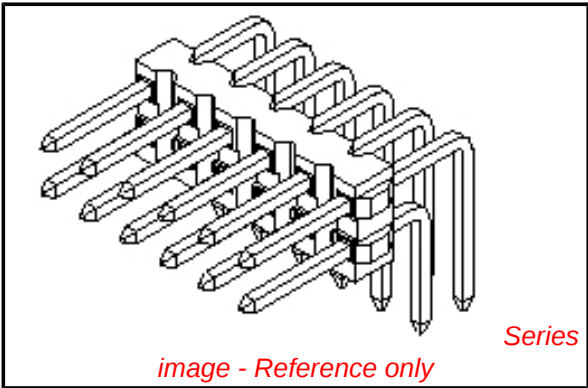
RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	70216
Application	Board-to-Board, Signal, Wire-to-Board
Overview	C-Grid® Products
Product Name	C-Grid®
UPC	800753973329

Physical	
Breakaway	Yes
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	1.175/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°C to +105°C
Termination Interface: Style	Through Hole

Electrical	
Current - Maximum per Contact	3A
Voltage - Maximum	250V

Solder Process Data



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

70216Series

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Old Part Number	A-70216-0396
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Reference - Drawing Numbers

Product Specification	PS-70216
Sales Drawing	SD-70216-001

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