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Part Number: [0010883221](#)
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid® Breakaway Header, High Profile, Dual Row, Right Angle, 22 Circuits, 6.10mm Mating Pin Length, Tin (Sn) Plating

Documents:

[3D Model](#) [Product Specification TS-70541-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-70216-001 \(PDF\)](#)

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 800753971745

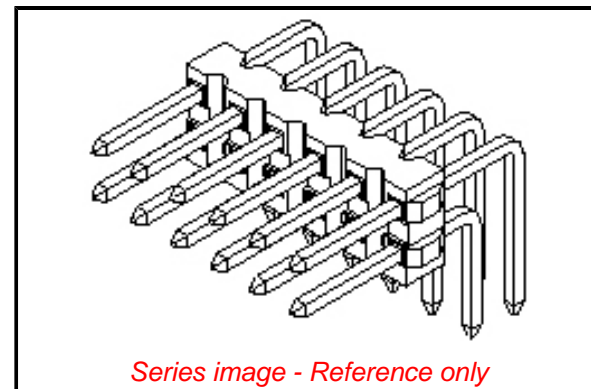
Physical

Breakaway Yes
 Circuits (Loaded) 22
 Circuits (maximum) 22
 Color - Resin Black
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part None
 Material - Metal Brass, Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 2.003/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 3.0A
 Voltage - Maximum 250V

Solder Process Data



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

70216 Series

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	70216-0088
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Reference - Drawing Numbers

Product Specification	PS-70216-001, TS-70541-001-001
Sales Drawing	SD-70216-001, SD-70216-001-002

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