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Part Number: [0010894167](#)
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid Breakaway Header, High Profile, Dual Row, Right Angle, 16 Circuits, 8.13mm Mating Pin Length, 0.76µm Gold (Au) Selective Plating

Documents:

[Drawing \(PDF\)](#) [Product Specification TS-70541-001-001 \(PDF\)](#)
[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® Products
 Product Name C-Grid
 UPC 800755018349

Physical

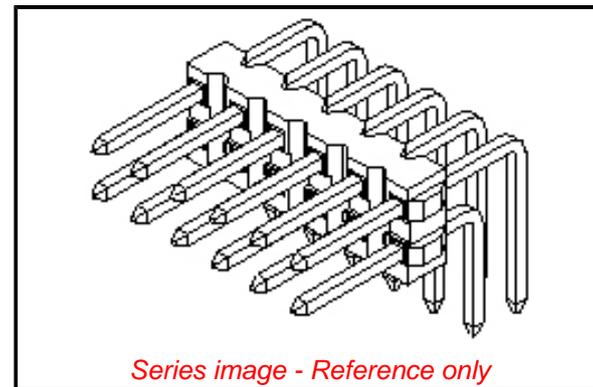
Breakaway Yes
 Circuits (Loaded) 16
 Circuits (maximum) 16
 Color - Resin Black
 Durability (mating cycles max) 50
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part None
 Material - Metal Brass, Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 1.418/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

Duration at Max. Process Temperature (seconds) 005



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

Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Engineering Number	70216-0436
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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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