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Part Number: [0901361216](#)
Status: **Active**
Overview:
Description: C-Grid III Header, Single Row, Vertical, Shrouded, 16 Circuits, 0.38µm Gold (Au) Selective Plating

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|-----------------------|
| Product Family | PCB Headers |
| Series | 90136 |
| Application | Signal, Wire-to-Board |
| Overview | cgrid_iii |
| Product Name | C-Grid III |
| UPC | 800753673465 |

Physical

| | |
|--------------------------------|----------------|
| Breakaway | No |
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| Color - Resin | Black |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Net Weight | 2.330/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| PC Tail Length | 2.90mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 2.54mm |
| Pitch - Termination Interface | 2.54mm |
| Plating min - Mating | 0.381µm |
| Plating min - Termination | 3.048µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Shrouded | Closed Ends |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -55° to +125°C |
| Termination Interface: Style | Through Hole |

Electrical

| | |
|-------------------------------|------------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 350V AC/DC |

Solder Process Data

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[90136](#) Series

Mates With

[90123](#) C-Grid III Modular Crimp Housing,
[90156](#) C-Grid III Crimp Housing

Lead-freeProcess Capability

WAVE

Material Info

Reference - Drawing Numbers

Application Specification

901190001-AS-000

Packaging Specification

PK-90136-001-001

Product Specification

PS-99020-0001-001

Sales Drawing

SDA-90136-001

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