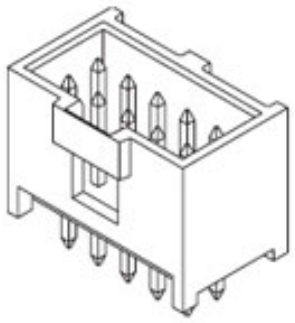
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Part Number: 0901301428
Status: Active
Overview: C-Grid III™
Description: C-Grid III Header, Dual Row, Vertical, Shrouded, Fully Loaded, 28 Circuits, Black, Flash Gold (Au) Selective Plating



Series image - Reference only

Documents:

Drawing (PDF)
Product Specification PS-99020-0001-001 (PDF)
Packaging Specification PK-91814-005 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179

General

Product Family	PCB Headers
Series	90130
Application	Signal, Wire-to-Board
Overview	C-Grid III™
Product Name	C-Grid III
UPC	887191266428

Physical

Breakaway	No
Circuits (Loaded)	28
Circuits (maximum)	28
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	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	3.060/g
Number of Rows	2
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 - Termination	3.048µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Closed Ends
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	3.0A

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - ED/30/2017 (7 July 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
90130 Series

Mates With
90142 C-Grid III Crimp Housing

Voltage - Maximum	350V AC/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	003
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-91814-005
Product Specification	PS-99020-0001-001
Sales Drawing	SDA-90130

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