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Part Number: [0901301224](#)
Status: **Active**
Overview:
Description: C-Grid III Header, Dual Row, Vertical, Shrouded, Fully Loaded, 24 Circuits, Black, 0.38µm Gold (Au) Selective Plating

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	90130
Application	Signal, Wire-to-Board
Overview	cgrid_iii
Product Name	C-Grid III
Taxonomy	PCB Headers and Receptacles
UPC	800753698239

Physical

Breakaway	No
Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Durability (mating cycles max)	100
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	2.670/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 - Mating	0.381µm
Plating min - Termination	3.048µm
Polarized to Mating Part	Yes
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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

[90130](#) Series

Mates With

C-Grid III Crimp Housing [90142](#) , [90143](#)

Solder Process Data

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

Material Info**Reference - Drawing Numbers**

Application Specification	901190001-AS-000
Packaging Specification	PK-90130-001-001, PK-91814-005-001
Product Specification	PS-99020-0001-001
Sales Drawing	SDA-90130-001

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