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Part Number:

0901303240

Status:

Active

Overview:

C-Grid III Interconnects

Description:

C-Grid III Header, Dual Row, Right-Angle, Shrouded, Fully Loaded, 40 Circuits, Black 0.38µm Gold (Au) Selective Plating

Documents:

- 3D Model

Packaging Specification PK-90130-001-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-91814-005-001 (PDF)
- Product Specification PS-99020-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification 901190001-AS-000 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

90130

Application

Signal, Wire-to-Board

Component Type

PCB Header

Overview

C-Grid III Interconnects

Product Name

C-Grid III

Taxonomy

PCB Headers and Receptacles

UPC

800753704145

Physical

Breakaway

No

Circuits (Loaded)

40

Circuits (maximum)

40

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

5.113/g

Number of Rows

2

Orientation

Right Angle

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

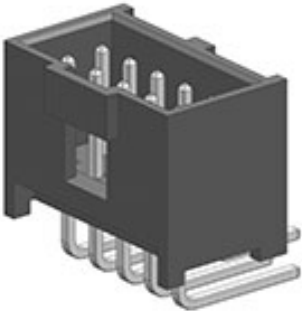
Yes

Polarized to PCB

No

Shrouded

Closed Ends



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

90130 Series

Mates With

C-Grid III Crimp Housing 90142 , 90143

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	
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	
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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