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Part Number: 0901362205

Status: **Active**

Overview:

Description: C-Grid III Header, Single Row, Right-Angle, Shrouded, 5 Circuits, 0.38μm Gold (Au) Selective Plating

EU ELV	
Not Relevant	
EU RoHS	**China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
90136 Series

Mates With
C-Grid III Modular Crimp Housing 90123 . C-Grid III Crimp Housing 90156

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
Taxonomy	PCB Headers and Receptacles
UPC	800753666443

Physical
Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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	0.973/g
Number of Rows	1
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 PCB	No
Shrouded	Fully
Stackable	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)	005

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-90136-001-001
Product Specification	PS-99020-0001-001
Sales Drawing	SDA-90136-001

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