

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0901200936

Status:

Active

Overview:

cgrid_iii

Description:

2.54mm (.100") Pitch C-Grid III™ Header, Single Row, Vertical, 16 Circuits, 0.76μm (30μ") Gold (Au) Selective Plating

Documents:

3D Model

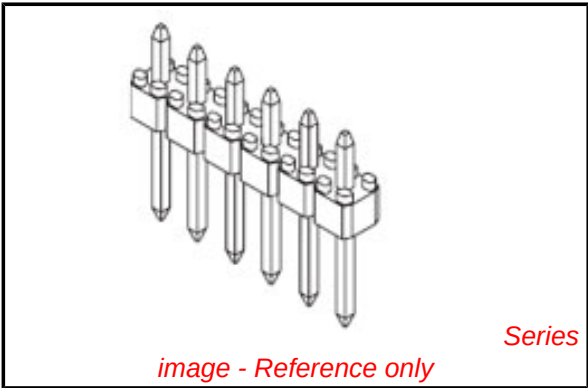
Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	90120
Application	Wire-to-Board
Overview	cgrid_iii
Product Name	C-Grid III™
Physical	
Breakaway	Yes
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.114 In
PC Tail Length (mm)	2.90 mm
PCB Locator	No
PCB Retention	None
Packaging Type	Bag
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (μin)	30
Plating min: Mating (μm)	0.76
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole

Electrical	
Current - Maximum per Contact	3A
Voltage - Maximum	350V

Solder Process Data	
Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

90120Series

Mates With

90147 C-Grid® PC Board Connector. 90123 C-Grid III™ Modular Crimp Housing

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Sales Drawing	SDA-90120
---------------	-----------

This document was generated on 05/26/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

10		9		8		7		6		5		4		3		2		1	
F	CIRCUIT SIZE	PLATING TYPE A				PLATING TYPE E				PLATING TYPE F				F					
		PART NO.		CUSTOMER SPECIFIC PART NO.		PART NO.		CUSTOMER SPECIFIC PART NO.		PART NO.		CUSTOMER SPECIFIC PART NO.							
	I X 1	90120-0121		90120-9121		90120-0761		90120-9761		90120-0921		90120-9921							
	I X 2	▲ -0122		▲ -9122		▲ -0762		▲ -9762		▲ -0922		▲ -9922							
	I X 3	▲ -0123		▲ -9123		▲ -0763		▲ -9763		▲ -0923		▲ -9923							
	I X 4	▲ -0124		▲ -9124		▲ -0764		▲ -9764		▲ -0924		▲ -9924							
	I X 5	▲ -0125		▲ -9125		▲ -0765		▲ -9765		▲ -0925		▲ -9925							
	I X 6	▲ -0126		▲ -9126		▲ -0766		▲ -9766		▲ -0926		▲ -9926							
	I X 7	▲ -0127		▲ -9127		▲ -0767		▲ -9767		▲ -0927		▲ -9927							
	I X 8	▲ -0128		▲ -9128		▲ -0768		▲ -9768		▲ -0928		▲ -9928							
	I X 9	▲ -0129		▲ -9129		▲ -0769		▲ -9769		▲ -0929		▲ -9929							
E	I X 10	▲ -0130		▲ -9130		▲ -0770		▲ -9770		▲ -0930		▲ -9930							
	I X 11	▲ -0131		▲ -9131		▲ -0771		▲ -9771		▲ -0931		▲ -9931							
	I X 12	▲ -0132		▲ -9132		▲ -0772		▲ -9772		▲ -0932		▲ -9932							
	I X 13	▲ -0133		▲ -9133		▲ -0773		▲ -9773		▲ -0933		▲ -9933							
	I X 14	▲ -0134		▲ -9134		▲ -0774		▲ -9774		▲ -0934		▲ -9934							
	I X 15	▲ -0135		▲ -9135		▲ -0775		▲ -9775		▲ -0935		▲ -9935							
	I X 16	▲ -0136		▲ -9136		▲ -0776		▲ -9776		▲ -0936		▲ -9936							
	I X 17	▲ -0137		▲ -9137		▲ -0777		▲ -9777		▲ -0937		▲ -9937							
	I X 18	▲ -0138		▲ -9138		▲ -0778		▲ -9778		▲ -0938		▲ -9938							
	I X 19	▲ -0139		▲ -9139		▲ -0779		▲ -9779		▲ -0939		▲ -9939							
	I X 20	▲ -0140		▲ -9140		▲ -0780		▲ -9780		▲ -0940		▲ -9940							
	I X 21	▲ -0141		▲ -9141		▲ -0781		▲ -9781		▲ -0941		▲ -9941							
D	I X 22	▲ -0142		▲ -9142		▲ -0782		▲ -9782		▲ -0942		▲ -9942							
	I X 23	▲ -0143		▲ -9143		▲ -0783		▲ -9783		▲ -0943		▲ -9943							
	I X 24	▲ -0144		▲ -9144		▲ -0784		▲ -9784		▲ -0944		▲ -9944							
	I X 25	▲ -0145		▲ -9145		▲ -0785		▲ -9785		▲ -0945		▲ -9945							
	I X 26	▲ -0146		▲ -9146		▲ -0786		▲ -9786		▲ -0946		▲ -9946							
	I X 27	▲ -0147		▲ -9147		▲ -0787		▲ -9787		▲ -0947		▲ -9947							
	I X 28	▲ -0148		▲ -9148		▲ -0788		▲ -9788		▲ -0948		▲ -9948							
	I X 29	▲ -0149		▲ -9149		▲ -0789		▲ -9789		▲ -0949		▲ -9949							
	I X 30	▲ -0150		▲ -9150		▲ -0790		▲ -9790		▲ -0950		▲ -9950							
	I X 31	▲ -0151		▲ -9151		▲ -0791		▲ -9791		▲ -0951		▲ -9951							
	I X 32	▲ -0152		▲ -9152		▲ -0792		▲ -9792		▲ -0952		▲ -9952							
	I X 33	▲ -0153		▲ -9153		▲ -0793		▲ -9793		▲ -0953		▲ -9953							
C	I X 34	▲ -0154		▲ -9154		▲ -0794		▲ -9794		▲ -0954		▲ -9954							
	I X 35	▲ -0155		▲ -9155		▲ -0795		▲ -9795		▲ -0955		▲ -9955							
	I X 36	▲ -0156		▲ -9156		▲ -0796		▲ -9796		▲ -0956		▲ -9956							
	I X 37	▲ -0157		▲ -9157		▲ -0797		▲ -9797		▲ -0957		▲ -9957							
	I X 38	▲ -0158		▲ -9158		▲ -0798		▲ -9798		▲ -0958		▲ -9958							
	I X 39	▲ -0159		▲ -9159		▲ -0799		▲ -9799		▲ -0959		▲ -9959							
	I X 40	▲ -0160		▲ -9160		▲ -0800		▲ -9800		▲ -0960		▲ -9960							