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Part Number: [0901420040](#)
Status: **Active**
Overview: [cgrid_iii](#)
Description: 2.54mm (.100") Pitch C-Grid III™ Crimp Housing - Dual Row, 40 Circuits

Documents:
[3D Model](#) [Product Specification PS-99020-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

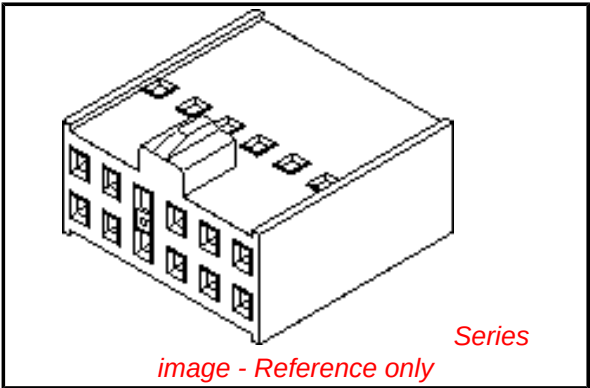
General	
Product Family	Crimp Housings
Series	90142
Overview	cgrid_iii
Product Name	C-Grid III™
Physical	
Breakaway	No
Circuits (maximum)	40
Color - Resin	Black
Gender	Female
Glow-Wire Compliant	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	PPO
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Polarized to Mating Part	Yes
Ports	0
Stackable	No
Temperature Range - Operating	-55°C to +105°C

Electrical	
Current - Maximum per Contact	3A

Solder Process Data	
Duration at Max. Process Temperature (seconds)	2
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers	
Product Specification	PS-99020-0001
Sales Drawing	SD-90142



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Halogen-Free

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
[90142Series](#)

Mates With
C-Grid III™ Header, Dual Row [90122](#) ,
[90130](#) , [90131](#)

Use With
C-Grid III™ Crimp Terminal [90119](#)

