

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0901420054](#)  
**Status:** **Obsolete**  
**Overview:** [cgrid\\_iii](#)  
**Description:** 2.54mm (.100") Pitch C-Grid III™ Crimp Housing - Dual Row, 54 Circuits

**Documents:**  
[Drawing \(PDF\)](#)

**General**

Product Family	Crimp Housings
Series	<a href="#">90142</a>
Application	Signal
Overview	<a href="#">cgrid_iii</a>
Product Name	C-Grid III™

**Physical**

Breakaway	No
Circuits (maximum)	54
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	2.54mm (.100")
Pitch - Termination Interface	2.54mm (.100")
Polarized to Mating Part	Yes
Ports	0
Stackable	No
Temperature Range - Operating	-50°C to +105°C

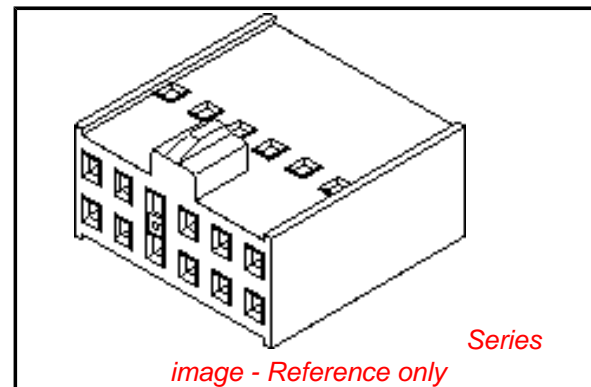
**Electrical**

Current - Maximum per Contact	3A
-------------------------------	----

**Material Info**

**Reference - Drawing Numbers**

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



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No  
Low-Halogen Status  
Not Reviewed**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto: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](#)