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Part Number:

90142-0040

Status:

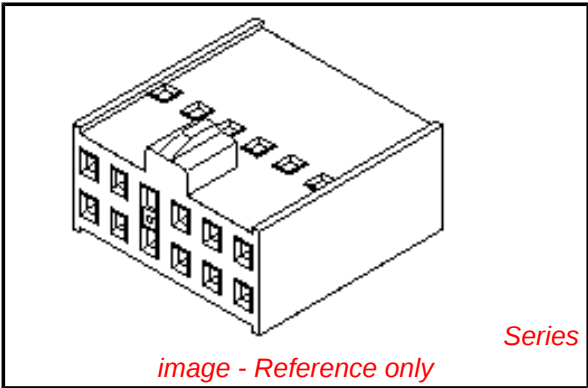
Active

Overview:

C-Grid III™

Description:

2.54mm 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)

Agency Certification	
UL	E29179
General	
Product Family	Crimp Housings
Series	90142
Application	Signal, Wire-to-Board
Overview	C-Grid III™
Product Name	C-Grid III™
UPC	800753656239
Physical	
Breakaway	No
Circuits (maximum)	40
Color - Resin	Black
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	PPO
Net Weight	2.716/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
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

Contains SVHC: No

Low-Halogen Status

Low-Halogen

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](#)

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