

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

**Part Number:** [0900590013](#)  
**Status:** **Active**  
**Overview:**  
**Description:** 2.54mm Pitch C-Grid Micro Shunt, Low Profile, 0.889µm Pre-tinned Plating

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Accessories
Series	<a href="#">90059</a>
Component Type	Shunt
Overview	cgrid_iii
Product Name	C-Grid, C-Grid III, SL
UPC	800753750586

**Physical**

Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Flammability	94V-0
Gender	Female
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	1.132/g
Number of Rows	1
Packaging Type	Bag
Plating min - Mating	3.048µm
Plating min - Termination	3.048µm
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	1.5A
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**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-90059-001-000
Product Specification	PS-90059-001, RPS-90059-001, RPS-90059-002
Sales Drawing	SDA-90059

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[90059](#) Series

**Use With**

(0.64)/.025 square and round pins