

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

**Part Number:** [0900590007](#)  
**Status:** **Active**  
**Overview:** [C-Grid III Interconnects](#)  
**Description:** 2.54mm Pitch C-Grid Micro Shunt, Low Profile, 5.08µm Tin (Sn) Plating

**Documents:**

[3D Model](#) [Packaging Specification PK-90059-001-000 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-90059-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Accessories  
 Series [90059](#)  
 Component Type Shunt  
 Overview [C-Grid III Interconnects](#)  
 Product Name C-Grid, C-Grid III, SL  
 UPC 800753722040

**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 0.071/g  
 Number of Rows 1  
 Packaging Type Bag  
 Plating min - Mating 5.080µm  
 Plating min - Termination 5.080µm  
 Temperature Range - Operating -55° to +125°C  
 Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 1.5A

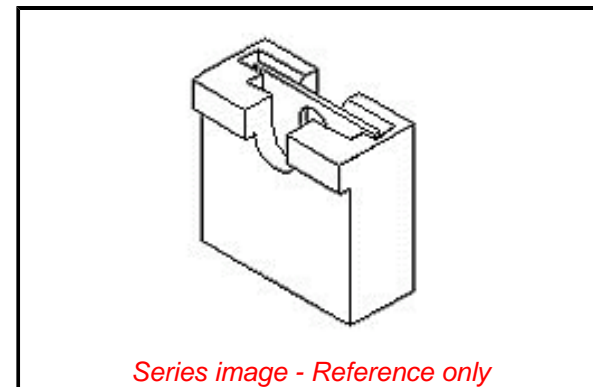
**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2020)9139-DC (19  
 Jan 2021)

**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

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