



Part Number : [900590007](#)

Product Description : 2.54mm Pitch C-Grid
Micro Shunt, Low Profile, 5.08µm Tin (Sn)
Plating

Series Number : 90059

Status : Active

Product Category : Connector Accessories



Documents & Resources

Drawings

[Drawing 900590007_sd.pdf](#)

[Packaging Design Drawing PK-90059-001-000.pdf](#)

3D Models and Design Files

[3D Model 900590007_stp.zip](#)

Specifications

[Product Specification PS-90059-001.pdf](#)

[Product Specification RPS-90059-002-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

[Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Connector Accessories
Series	90059
Description	2.54mm Pitch C-Grid Micro Shunt, Low Profile, 5.08µm Tin (Sn) Plating
Component Type	Shunt
Product Family	C-Grid III Interconnects
Product Name	C-Grid,C-Grid III,SL
UPC	800753722040

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	1.5A
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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

Solder Process Data

Lead-Free Process Capability	N/A
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Use with Part(s)

Description	Part Number
Use With	(0.64)/.025 square and round pins
