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

900590007_sd.pdf

PK-90059-001-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-90059-001.pdf

RPS-90059-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

- REACH SVHC
- Low-Halogen

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

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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 Name	C-Grid,C-Grid III,SL
UPC	800753722040

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	1.5A

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

Mates With / Use With

Use with Part(s)

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