Part Number : 472192001
Product Description : 1.10mm Pitch microSD Card Connector, Hinge Type, Lead-Free
Series Number : 47219
Status : Active
Product Category : Memory / SIM Card Connectors



Documents & Resources

Drawings

472192001_sd.pdf

PK-47219-001-002.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PS-47219-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	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	Memory / SIM Card Connectors
Series	47219
Description	1.10mm Pitch microSD Card Connector, Hinge Type, Lead-Free
Comments	Hinge Type
Product Name	microSD Card
Style	Hinge
UPC	884982238763

Electrical

Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	100V DC

Physical

Card Detection Switch	No
Card Entry Location	Front
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	5000

Ejector Button Side	N/A
Material - Contact	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Material - Shell	Stainless Steel
Net Weight	0.434/g
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	1.10mm
Pitch - Termination Interface	1.10mm
Temperature Range - Operating	-20° to +85°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	3
Lead-Free Process Capability	REFLOW
Max-Cycle	2
Max-Temp	250

Mates With / Use With

Use with Part(s)

Description	Part Number
Use With	microSD Card