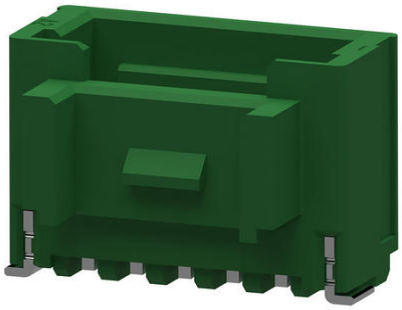
Part Number : 5019400367
Series Number : 501940
Status : Active - Proprietary
Product Category : PCB Headers and Receptacles



Drawings

5019400367_sd.pdf

Specifications

5013300000-AS-000.pdf

SPK-501940-002-001.pdf

PS-501940-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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 - Proprietary
Category	PCB Headers and Receptacles
Series	501940
Description	1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Vertical, Surface Mount, 0.10µm Gold Plated, Outer Positive Lock, 3 Circuits, Green
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Pico-Clasp
UPC	800756915623

Agency

UL	E29179

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	100V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Green
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No

Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Nylon
Net Weight	104.600/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	1.00mm
Plating min - Mating	0.100µm
Plating min - Termination	0.051µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.00mm Pitch, Pico-Clasp Low-Halogen Single Row Receptacle Housings	501939