molex



Part Number : 09652088
Product Description : SPOX and KK 396 Wire-to-Board Header, Vertical, with Friction Lock, 8 Circuits
Series Number : 5273
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : 5273-08A

Documents & Resources

Drawings

009652088_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

SYM-09-65-2088-001.zip

Specifications

SPK-5273-001-001.pdf

PS-5195-001-001.pdf

PS-5195-005-001.pdf

PS-5239-002-001.pdf

PS-5239-004-001.pdf

PS-5239-006-001.pdf

PS-5239-007-001.pdf

PS-5273-003-001.pdf

PS-5273-004-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
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	PCB Headers and Receptacles
Series	5273
Description	SPOX and KK 396 Wire-to-Board Header, Vertical, with Friction Lock, 8 Circuits
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	KK 396,SPOX
UPC	800753613720

Agency

CSA	LR19980

UL	E29179

Electrical

Current - Maximum per Contact	7.0A
Voltage - Maximum	250V

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	2753.700/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.60mm
Pitch - Mating Interface	3.96mm
Pitch - Termination Interface	3.96mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to PCB	No

Shrouded	Partial
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
SPOX 3.96mm Pitch Single Row Receptacle Housings	5195