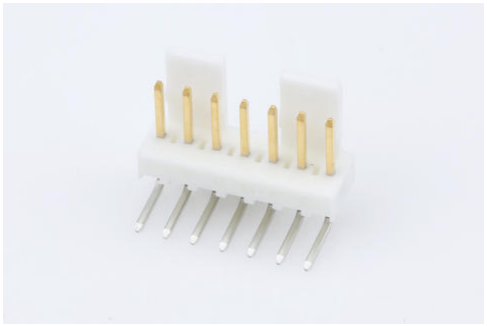
molex



Part Number : 22124072
Product Description : KK 254 Wire-to-Board Header, Right-Angle, with Friction Lock, 7 Circuits
Series Number : 7395
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : 739507BG

Documents & Resources

Drawings

022124072_sd.pdf

PK-7478-001-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PS-99020-0088-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 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	PCB Headers and Receptacles
Series	7395
Description	KK 254 Wire-to-Board Header, Right-Angle, with Friction Lock, 7 Circuits
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	KK 254
UPC	800753728684

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	500V

Physical

Breakaway	No

Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Natural (White)
Durability (mating cycles max)	100
First Mate / Last Break	No
Flammability	94V-0
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	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.870/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Bag
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.80mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Temperature Range - Operating	See Product Specification
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE

Max-Cycle	1
Max-Temp	235

Mates With / Use With

Mates with Part(s)

Description	Part Number
KK 254 Single Row Crimp Housings	2695