Part Number : 22122144
Product Description : KK 254 Solid Header, Right-Angle, with Friction Lock, 14 Circuits, 0.51µm Gold (Au) Plating
Series Number : 7478
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : A-7478-14A241



Documents & Resources

Drawings

Drawing_022122144_sd.pdf
Packaging Design Drawing_PK-7478-001-000.pdf

3D Models and Design Files

3D Model_022122144_stp.zip
Symbol Footprint Data_SYM-22-05-3141-001.zip

Specifications

Product Specification_PS-10-07-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	7478
Description	KK 254 Solid Header, Right-Angle, with Friction Lock, 14 Circuits, 0.51µm Gold (Au) Plating
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	KK Interconnect Systems
Product Name	KK 254
UPC	800753625563

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Natural (White)
Durability (mating cycles max)	50

Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Nylon
Net Weight	1.840/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Bag
PC Tail Length	3.58mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	Yes
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
KK 254 PC Board Connector	4455
KK 254 Receptacle Housings	7880