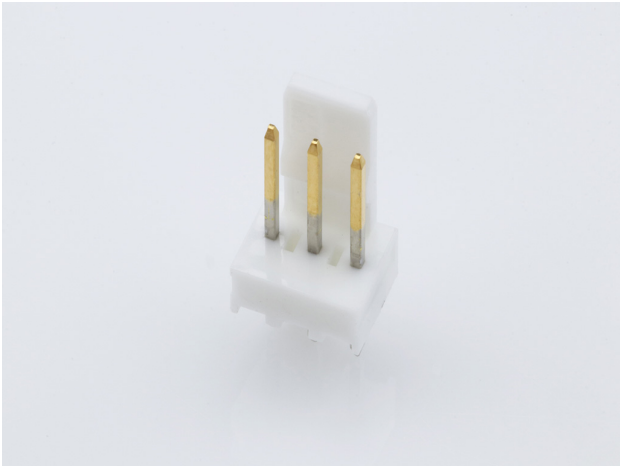
Part Number : 22292031
Product Description : KK 254 Wire-to-Board Header, Vertical, with Friction Lock, 3 Circuits, Gold (Au) Plating
Series Number : 6410
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : AE-6410-03A(241)



Documents & Resources

Drawings
Drawing_022292031_sd.pdf
Packaging Design Drawing_PK-6410-002-001.pdf

3D Models and Design Files
3D Model_022292031_stp.zip
Symbol Footprint Data_SYM-22-27-2031-001.zip

Specifications
Product Specification_PS-99020-0088-001.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(2024)4144-DC (27 June 2024)
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	6410
Description	KK 254 Wire-to-Board Header, Vertical, with Friction Lock, 3 Circuits, Gold (Au) Plating
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	KK Interconnect Systems
Product Name	KK 254
UPC	800753589469

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Natural (White)

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	0.405/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PC Tail Length	3.56mm
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	No
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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

0436400901 152660117 190730231 417920538 190670071 447691602 760475001 190990009
5046940301 152670357 397730002 398800403 439151216 0436802002 430451220 447641402
0190690033 190990010 430450225 444280402 759001161 0190700155 152670269 436803002
447642001 151660057 151670255 152670251 190690096 459705185