



Part Number : [38001424](#)

Product Description : KK 254 PC Board Connector, Top Entry, 4 Circuits

Series Number : 4455

Status : Active

Product Category : PCB Headers and Receptacles

Engineering Number : A-4455-CZ04C(P909)



Documents & Resources

Drawings

[Drawing 038001424_sd.pdf](#)

[Packaging Design Drawing PK-44646-001-001.pdf](#)

3D Models and Design Files

[3D Model 038001424_stp.zip](#)


Specifications

[Product Specification PS-99020-0088-001.pdf](#)

[Product Specification PS-10-07-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
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	4455
Description	KK 254 PC Board Connector, Top Entry, 4 Circuits
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Family	KK Interconnect Systems
Product Name	KK 254
UPC	800753731295

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.5A
Grounding to PCB	No
Voltage - Maximum	500V

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural (White)
Flammability	94V-0
Glow-Wire Capable	No

Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.440/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.30mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	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 RPC Vertical Headers with Friction Lock	<u>171856</u>

KK 254 RPC Right-Angle Headers with Friction Lock	<u>171857</u>
KK 254 Single Row Right-Angle Headers	<u>4094</u>
KK 254 Vertical Breakaway Headers with Friction Lock	<u>42375</u>
KK 254 Right-Angle Breakaway Headers	<u>42376</u>
KK 254 Right-Angle Surface Mount Compatible Breakaway Headers	<u>42377</u>
SL Single Row Male Insulation Displacement Connector Assemblies	<u>70475</u>

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