Part Number : 38001406
Product Description : KK 254 PC Board Connector, Bottom Entry, with Cat Ear Terminal, 16 Circuits
Series Number : 4455
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : A-4455-BH16F(P909)



Documents & Resources

Drawings
038001406_sd.pdf
PK-44646-001-001.pdf

3D Models and Design Files
038001406_stp.zip

Specifications
PS-10-07-001.pdf
PS-99020-0088-001.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(2024)6225-DC (07 Nov 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	4455
Description	KK 254 PC Board Connector, Bottom Entry, with Cat Ear Terminal, 16 Circuits
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Name	KK 254
UPC	800753731547

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Circuits (Loaded)	16
Circuits (maximum)	16
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	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1.938/g
Number of Rows	1
Orientation	Bottom Entry
Packaging Type	Tray
PC Tail Length	3.60mm
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	171856

KK 254 RPC Right-Angle Headers with Friction Lock	171857
KK 254 Single Row Vertical Headers	4030
KK 254 Single Row Right-Angle Headers	4094
KK 254 Vertical Breakaway Headers with Friction Lock	42375
KK 254 Right-Angle Breakaway Headers	42376
KK 254 Right-Angle Surface Mount Compatible Breakaway Headers	42377