

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022182181](#)
Status: **Active**
Overview: [KK Interconnect Solutions](#)
Description: KK 254 PC Board Connector, Top Entry, with Cat Ear Terminal, 0.38µm Gold (Au), 18 Circuits, with Hooks

Documents:
[3D Model](#) [Product Specification PS-10-07-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-44646-001-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Receptacles
Series [4455](#)
Application Board-to-Board, Signal
Comments With Hooks
Overview [KK Interconnect Solutions](#)
Product Name KK 254
UPC 800754933230

Physical

Circuits (Loaded) 18
Circuits (maximum) 18
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 - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 1.887/g
Number of Rows 1
Orientation Vertical
PC Tail Length 3.35mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Pitch - Mating Interface 2.54mm
Pitch - Termination Interface 2.54mm
Plating min - Mating 0.381µm
Plating min - Termination 2.540µm
Polarized to PCB No
Surface Mount Compatible (SMC) No
Temperature Range - Operating See Product Specification
Termination Interface: Style Through Hole

Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[4455 Series](#)

Mates With

KK Header [4094](#) , [42376](#) , [42375](#) , [42377](#)
, [171856](#) , [171857](#)
SL Insulation
Displacement Connector [70475](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Engineering Number	A-4455-CZ18A(208)
--------------------	-------------------

Reference - Drawing Numbers

Packaging Specification	PK-44646-001-001
Product Specification	PS-10-07-001
Sales Drawing	SDA-4455-001, SDA-4455-002

This document was generated on 01/03/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[22-18-2181](#)