

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0022142084**
Status: **Active**
Overview: KK Interconnect Systems
Description: KK 254 PC Board Connector, Bottom Entry, 2.54µm Tin (Sn), 8 Circuits

Documents:

Drawing (PDF)	Product Specification PS-10-07-001 (PDF)
3D Model	Packaging Specification PK-44646-001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

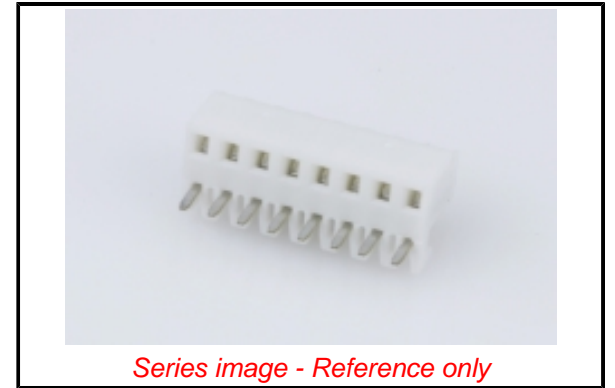
Product Family	PCB Receptacles
Series	<u>4455</u>
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Overview	<u>KK Interconnect Systems</u>
Product Name	KK 254
Taxonomy	PCB Headers and Receptacles
UPC	800753590472

Physical

Circuits (Loaded)	8
Circuits (maximum)	8
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	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.960/g
Number of Rows	1
Orientation	Bottom Entry
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	2.540µm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[4455 Series](#)

Mates With

KK Header [4094](#) , [42376](#) , [42375](#) , [42377](#) ,
[4030](#) , [171856](#) , [171857](#)

Voltage - Maximum 500V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005

Lead-free Process Capability WAVE

Max. Cycles at Max. Process Temperature 001

Process Temperature max. C 235

Material Info

Engineering Number A-4455-BH08D(P909)

Reference - Drawing Numbers

Packaging Specification PK-44646-001-001

Product Specification PS-10-07-001

Sales Drawing SDA-4455-001

This document was generated on 01/07/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION