

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0038001342](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK 254 PC Board Connector, Right-Angle, with Cat Ear Terminal, 12 Circuits](#)

**Documents:**

[3D Model](#) [Product Specification PS-99020-0088-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-10-07-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [4455](#)  
 Application Board-to-Board, Signal  
 Overview [KK® Interconnect System - Molex](#)  
 Product Name KK 254  
 UPC 800753731950

**Physical**

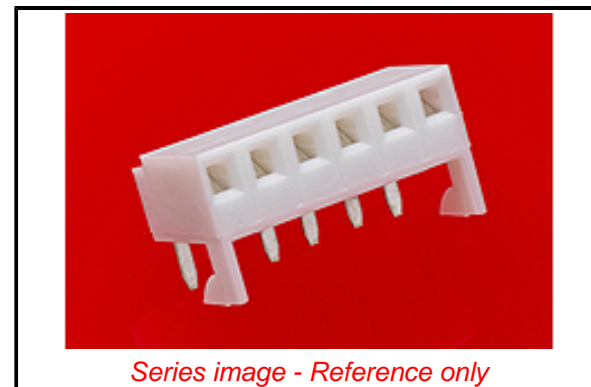
Circuits (Loaded) 12  
 Circuits (maximum) 12  
 Color - Resin Natural (White)  
 Flammability 94V-0  
 Glow-Wire Capable No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part No  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 1.292/g  
 Number of Rows 1  
 Orientation Right Angle  
 PC Tail Length 3.30mm  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.54mm  
 Pitch - Termination Interface 2.54mm  
 Plating min - Mating 1.016µm  
 Plating min - Termination 1.016µm  
 Polarized to PCB Yes  
 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

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 005



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**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](#)

Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

**Material Info**

Engineering Number	A-4455-AZ12C(P909)
--------------------	--------------------

**Reference - Drawing Numbers**

Product Specification	PS-10-07-001, PS-99020-0088-001
Sales Drawing	SDA-4455-001, SDA-4455-002

This document was generated on 10/10/2018

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**