

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [22-14-2054](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK® 254 PC Board Connector, Bottom Entry, 2.54µm Tin (Sn), 5 Circuits

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

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 800753590458

Physical

Circuits (Loaded) 5
Circuits (maximum) 5
Color - Resin Natural (White)
Flammability 94V-0
Glow-Wire Compliant 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 0.605/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
Voltage - Maximum 250V

Solder Process Data



Series

image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[4455Series](#)

Mates With
[42153](#) KK® Wire-to-Board Header, [4094](#) KK® Wire-to-Board Header, [42376](#) KK® Header, [42375](#) KK® Header, [42377](#) , [42152](#) KK® Wire-to-Board Header, [4030](#) KK® Wire-to-Board Header, [4380](#) KK® Header

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Old Part Number	A-4455-BH05D(P909)
-----------------	--------------------

Reference - Drawing Numbers

Product Specification	PS-10-07
Sales Drawing	SDA-4455

This document was generated on 12/17/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION