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Part Number: [22-14-2054](#)
Status: **Active**
Overview: [KK® Interconnection System](#)
Description: 2.54mm Pitch KK® 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® Interconnection System](#)
 Product Name KK®

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
 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
 Plating min - Mating 2.540µm
 Plating min - Termination 2.540µm
 Polarized to PCB No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating 0°C to +75°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 2.5A
 Grounding to PCB No
 Voltage - Maximum 250V

Solder Process Data

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



image - Reference only

EU RoHS

**ELV and RoHS
 Compliant**

**REACH SVHC
 Contains SVHC: No
 Low-Halogen Status
 Not Reviewed**

China RoHS



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 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

Process Temperature max. C

235

Material Info

Old Part Number
UPC

A-4455-BH05D(P909)
800753590458

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-10-07
SDA-4455

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