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Part Number: [38-00-1432](#)
Status: **Active**
Overview: [KK® Interconnection System](#)
Description: 2.54mm Pitch KK® PC Board Connector, Top Entry, 12 Circuits

Documents:

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

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®
 UPC 800753731431

Physical

Circuits (Loaded) 12
 Circuits (maximum) 12
 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 Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 1.292/g
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 3.30mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 2.54mm
 Plating min - Mating 1.016µm
 Plating min - Termination 1.016µm
 Polarized to PCB 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

Duration at Max. Process Temperature (seconds) 5

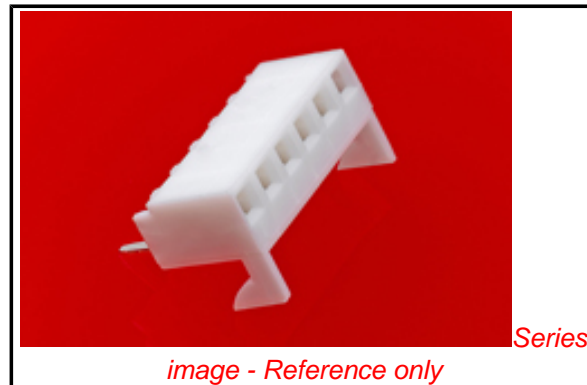


image - Reference only

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](#) KK® Header, [70021](#) SL™ Crimp Terminal, [70475](#) SL™ Insulation Displacement Connector, [42152](#) KK® Wire-to-Board Heade

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-CZ12C(P909)
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Reference - Drawing Numbers

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

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