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Part Number: [09-52-1126](#)
Status: **Active**
Overview: [KK@ Interconnection System](#)
Description: 3.96mm Pitch KK@ PC Board Connector, Right Angle, Nylon Connector, 5.00µm Tin (Sn), 12 Circuits

Documents:

[3D Model](#) [Product Specification PS-08-50 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Receptacles
 Series [2145](#)
 Application Board-to-Board, Power
 Overview [KK@ Interconnection System](#)
 Product Name KK@
 UPC 800754905862

Physical

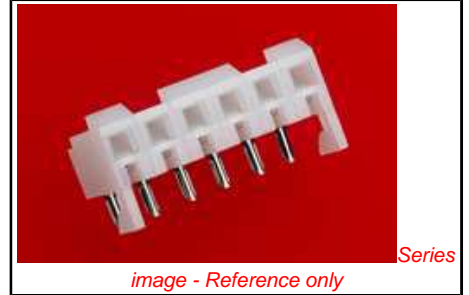
Circuits (Loaded) 12
 Circuits (maximum) 12
 Color - Resin Natural
 Flammability 94V-2
 Glow-Wire Compliant No
 Keying to Mating Part Yes
 Lock to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 3.720/g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 3.68mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 0.80mm
 Packaging Type Tray
 Pitch - Mating Interface 3.96mm
 Plating min - Mating 5.080µm
 Plating min - Termination 5.080µm
 Polarized to PCB Yes
 Temperature Range - Operating See Product Specification
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 5A
 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
 Process Temperature max. C 235



<p>EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen</p>	<p>China RoHS</p>
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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
[2145Series](#)

Material Info

Old Part Number

A-2145-AA12B-197

Reference - Drawing Numbers

Product Specification

PS-08-50

Sales Drawing

SDA-2145-001, SDA-2145-004

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