

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [39-31-1045](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK® Wire-to-Board Header, Right Angle Friction Lock, Kinked Pin, 4 Circuits](#)

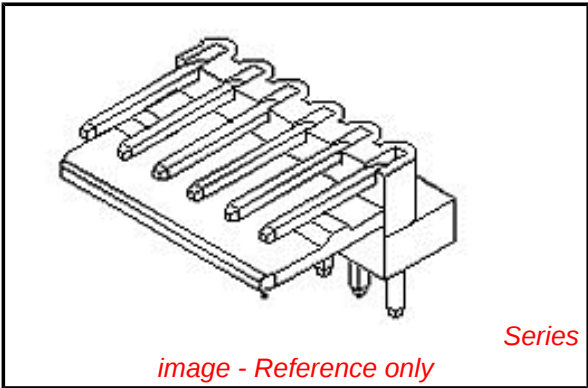
Documents:
[3D Model](#) [Product Specification PS-5046-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
UL E29179

General
Product Family PCB Headers
Series [5046](#)
Application Signal, Wire-to-Board
Overview [KK® Interconnect System - Molex](#)
Product Name KK®
UPC 800753194359

Physical
Breakaway No
Circuits (Loaded) 4
Circuits (maximum) 4
Durability (mating cycles max) 30
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Net Weight 498.400/mg
Number of Rows 1
Orientation Right Angle
PC Tail Length 3.40mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.60mm
Packaging Type Bag
Pitch - Mating Interface 2.50mm
Pitch - Termination Interface 2.50mm
Plating min - Mating 5.080µm
Plating min - Termination 5.080µm
Polarized to Mating Part Yes
Polarized to PCB No
Shrouded No
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical
Current - Maximum per Contact 3A



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



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
[5046Series](#)

Mates With
[5557 Mini-Fit Jr.™ Receptacle Housing](#)

Voltage - Maximum	250V AC/DC
Material Info	
Old Part Number	5046-04AX
Reference - Drawing Numbers	
Product Specification	PS-5046-002
Sales Drawing	SD-5046-001

This document was generated on 07/09/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION