

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [42892-0081](#)
Status: **Active**
Overview: [KK® Interconnection System](#)
Description: 3.96mm Pitch KK® Solid Header, Right Angle, Friction Lock, with Snap-in Plastic Peg PCB Lock, 3 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [42892](#)
 Application Power, Wire-to-Board
 Overview [KK® Interconnection System](#)
 Product Name KK®
 UPC 822350342209

Physical

Breakaway No
 Circuits (Loaded) 3
 Circuits (maximum) 3
 Durability (mating cycles max) 100
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part Yes
 Material - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Net Weight 1.345/g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 3.30mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Bag
 Pitch - Mating Interface 3.96mm
 Plating min - Mating 0.381µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Shrouded Partial
 Stackable Yes
 Temperature Range - Operating See Product Specification
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 7A
 Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 5



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not 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

[42892Series](#)

Mates With

[2139](#) KK® Crimp Housing, [41695](#) KK® Crimp Housing, [6442](#) KK® Crimp Housing, [2145](#) PCB Connector, [41815](#) PCB Connector, [3069](#) KK® Crimp Housing

Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

Wave Capable (TH only)
1
235

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-08-50
SD-42892-001

This document was generated on 06/27/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION