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Part Number: [0026644040](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK® 396 Header, Vertical, Friction Lock with Press-fit Plastic Peg PCB, 4 Circuits, Tin \(Sn\) 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 [42491](#)
 Application Power, Wire-to-Board
 Overview [KK® Interconnect System - Molex](#)
 Product Name KK® 396
 UPC 800753627536

Physical

Breakaway No
 Circuits (Loaded) 4
 Circuits (maximum) 4
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part Yes
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Net Weight 1.512/g
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 3.56mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Bag
 Pitch - Mating Interface 3.96mm
 Plating min - Mating 5.080µm
 Plating min - Termination 5.080µm
 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 7.0A
 Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
 Lead-freeProcess Capability WAVE



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/79/2015 (17
 December 2015)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[42491](#) Series

Mates With

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

| | |
|---|-----|
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 235 |

Material Info

| | |
|-----------------|------------|
| Old Part Number | 42491-0004 |
|-----------------|------------|

Reference - Drawing Numbers

| | |
|-----------------------|--------------|
| Product Specification | PS-08-50 |
| Sales Drawing | SD-42491-001 |

This document was generated on 03/08/2016

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