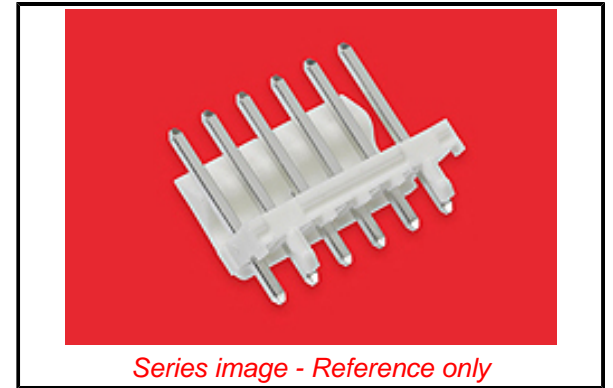


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0026606090](#)
Status: **Active**
Overview: [KK Interconnect Solutions](#)
Description: KK 396 Solid Vertical Header, Friction Lock, with Snap-in Plastic Peg PCB Lock, 9 Circuits, Tin (Sn) Plating

Documents:

| | |
|--|--|
| 3D Model | Packaging Specification PK-42491-001-001 (PDF) |
| 3D Model (PDF) | Symbol Footprint Data SYM-26-60-6090-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-08-50-001 (PDF) | |



Series image - Reference only

Agency Certification

UL E29179

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 42891 |
| Application | Power, Wire-to-Board |
| Overview | KK Interconnect Solutions |
| Product Name | KK 396 |
| UPC | 800754920780 |

Physical

| | |
|--------------------------------|---------------------------|
| Breakaway | No |
| Circuits (Loaded) | 9 |
| Circuits (maximum) | 9 |
| Durability (mating cycles max) | 25 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 3.384/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 | No |
| Polarized to PCB | Yes |
| Shrouded | No |
| 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 |
|--|-----|

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2021)4569-DC (8 July 2021)
Benzo(ghi)perylene
Octanoic acid,
2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pen
Dodecamethylcyclhexasiloxane
Decamethylcyclpentasiloxane
Octamethylcycltetrasiloxane
Disodium 3,3'-[[1,1'-Biphenyl]-4,4'-Diylbis(Azo)1,2-Benzenedicarboxylic acid, bis(3-methylbutyl)1,2-diethoxyethane
Dibutyltin-dichloride
C.I. Direct Black 38
Ammonium-pentadecafluorooctanoate
Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethyl-2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,4-dioxo-2,4-dionato-O,O')tin
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol
2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)-1,2-Benzenedicarboxylic

China RoHS

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

WAVE
001
235

Material Info

Engineering Number

42891-0009

Reference - Drawing Numbers

Packaging Specification

PK-42491-001-001

Product Specification

PS-08-50-001

Sales Drawing

SD-42891-001-001, SD-42891-001-002

Symbol/Footprint Data

SYM-26-60-6090-001

acid, dihexyl ester,
bra
diisohexyl phthalate
1,2-
Benzenedicarboxylic
acid, dipentyl ester, br
Zirconia
Aluminosilicate
Refractory Ceramic
Fibr
Nonadecafluorodecanoic
acid (PFDA) and its
sodiu
Tris(4-nonylphenyl,
branched and linear)
phosphi
Perfluorobutane
sulfonic acid (PFBS)
and its sal
Fluoranthene
Pyrene
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Dioctyltin dilaurate,
stannane, dioctyl-,
bis(co
Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
Perfluorohexane-1-
sulphonic acid and its
salts
Dipentyl phthalate
Cobalt-dichloride
Alkanes, C10-13,
chloro
Bis(tributyltin) oxide
Lead chromate
Lead chromate
molybdate sulfate red
Tris(2-chloroethyl)
phosphate
bis(2-methoxyethyl)
ether
1,2-Dimethoxyethane
1,2-bis(2-
methoxyethoxy)ethane
Decabromodiphenylether
Diboron-trioxide
Cadmium-oxide
Lead(II,IV)-oxide
Lead
Cadmium
Lead-dinitrate
Lead-titanium-trioxide
Pentalead-tetraoxide-
sulphate
Tetralead-trioxide-
sulphate
Dioxobis(stearato)trilead
Lead titanium
zirconium oxide
Cyanamide, lead(2+)
salt (1:1)
Sulfurous Acid, Lead
Salt, Dibasic

Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
[Phthalato(2-)]dioxotrilead
4-aminoazobenzene
N,N-
Dimethylformamide
Phenanthrene
Imidazolidine-2-thione

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[42891](#) 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

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