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Part Number: [0026481025](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 396 Breakaway Header, Vertical, Square Pin, with Friction Lock, 2 Circuits, Tin (Sn) Plating

Documents:

[3D Model](#) [Packaging Specification PK-41671-001-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Symbol Footprint Data SYM-41671-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-08-50-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

Application tooling part link

Application Tooling Part Link 11-20-0901

General

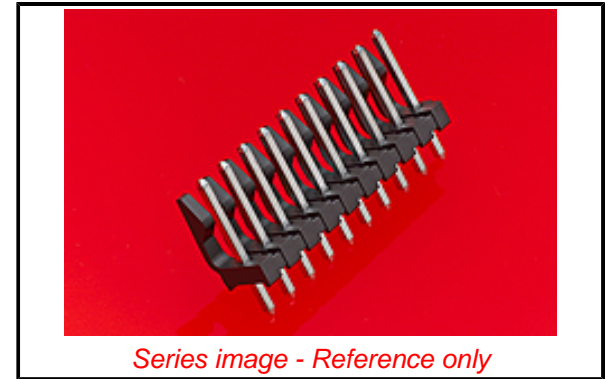
Product Family PCB Headers
 Series [41671](#)
 Application Power, Wire-to-Board
 Overview [KK® Interconnect System - Molex](#)
 Product Name KK 396
 UPC 800753627260

Physical

Breakaway Yes
 Circuits (Loaded) 2
 Circuits (maximum) 2
 Color - Resin Black
 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 - Resin Polyester
 Net Weight 0.650/g
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 4.37mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Bag
 Pitch - Mating Interface 3.96mm
 Pitch - Termination Interface 3.96mm
 Polarized to Mating Part Yes
 Polarized to PCB No
 Shrouded Partial
 Stackable No
 Temperature Range - Operating See Product Specification
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 7.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

China RoHS
 Contained Per -
 D(2020)4578-DC (25
 June 2020)
 henicosafluoroundecanoic
 acid
 disodium 4-
 amino-3-[[4'-[(2,4-
 diaminophenyl)azo]
 chromium trioxide
 1,3-propanesultone
 1-vinylimidazole
 4,4'-methylenedi-o-
 toluidine
 dibutyltin dichloride
 methoxyacetic acid
 diisopentylphthalate
 disodium 3,3'-[[1,1'-
 biphenyl]-4,4'-
 diylbis(azo)
 octamethylcyclotetrasiloxane
 benzene-1,2,4-
 tricarboxylic acid 1,2-
 anhydride
 decamethylcyclopentasiloxane
 dodecamethylcyclohexasiloxane
 heptacosafuorotetradecanoic
 acid
 tricosafuorododecanoic
 acid
 di-n-pentyl phthalate
 (DPP)
 6-methoxy-m-toluidine
 furan
 1-bromopropane
 nitrobenzene
 4-o-tolylazo-o-
 toluidine
 ethylene thiourea

Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235
Material Info	
Engineering Number	A-41671-C02A197
Reference - Drawing Numbers	
Packaging Specification	PK-41671-001-001
Product Specification	PS-08-50-001
Sales Drawing	SD-41671-001, SD-41671-001-002
Symbol/Footprint Data	SYM-41671-0001

4-methyl-m-phenylenediamine
 o-toluidine
 butyl 4-hydroxybenzoate
 dinoseb (ISO)
 dihexyl phthalate (DnHP)
 dicyclohexyl phthalate
 N-methylacetamide
 dimethyl sulphate
 diethyl sulphate
 4-aminoazobenzene
 Fatty acids, C16-18, lead salts
 [phthalato(2-)]dioxotrilead
 Silicic acid (H₂Si₂O₅), barium salt (1:1), lead-
 Perfluorohexane-1-sulphonic acid and its salts
 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5
 1,2-benzenedicarboxylic acid, di-C₆-10-alkyl est
 Cadmium sulphate
 Sodium perborate; perboric acid, sodium salt
 hexahydro-2-benzofuran-1,3-dione
 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated
 Perfluorononan-1-oic acid
 (2,2,3,3,4,4,5,5,6,6,7
 Reaction
 products of 1,3,4-thiadiazolidine-2,5-d
 Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
 Chrysene
 Cadmium nitrate
 Pyrene
 Tris(4-nonylphenyl, branched and linear)
 phosphi
 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propio
 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated
 Trixylyl phosphate
 Zirconia
 Aluminosilicate
 Refractory Ceramic
 Fibr
 Aluminosilicate
 Refractory Ceramic
 Fibres
 Boric acid

Disodium tetraborate
Hydrazine
1,3-BENZENEDIOL,
TRINITRO-, LEAD
SALT
n-pentyl-
isopentylphthalate
3-ethyl-2-methyl-2-
(3-methylbutyl)-1,3-
oxazolidi
1,2-
benzenedicarboxylic
acid, dipentylester,
bra
pentacosafuorotridecanoic
acid
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
Terphenyl,
hydrogenated
2-(2H-benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
2-(2H-benzotriazol-2-
yl)-4,6-
ditertpentylphenol
dibutylbis(pentane-2,4-
dionato-O,O')tin
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
disodium octaborate
sodium
peroxometaborate
ammoniumpentadecafluorooctanoate
pentazinc chromate
octahydroxide
1,2-dichloroethane
trilead diarsenate
2-methoxyaniline
arsenic acid
N,N-
dimethylacetamide
lead dipicrate
potassium
hydroxyoctaoxodizincatedichromate(1-)
bis(2-methoxyethyl)
ether
calcium arsenate
1,2-
benzenedicarboxylic
acid; di-C6-8-
branched a
N-methyl-2-
pyrrolidone
1,2-
benzenedicarboxylic
acid; di-C7-11-
branched
2-ethoxyethyl acetate
cobalt sulphate
cobalt di(acetate)
cobalt carbonate

tetraboron disodium
heptaoxide, hydrate
sodium chromate
potassium dichromate
potassium chromate
ammonium
dichromate
tris(2-chloroethyl)
phosphate
Lead sulfochromate
yellow
Lead chromate
molybdate sulfate red
lead chromate
Anthracene oil,
anthracene-low;
Anthracene Oil F
Anthracene oil,
anthracene paste,
distn. lights;
Anthracene oil,
anthracene paste,
anthracene fra
Anthracene oil,
anthracene paste;
Anthracene Oil
Butylbenzylphthalate
(BBP)
lead hydrogen
arsenate
bis(2-ethylhexyl)
phthalate (DEHP)
dibutyl phthalate
(DBP)
4,4'-
diaminodiphenylmethane
triethyl arsenate
Sulfurous acid, lead
salt, dibasic
Acetic acid, lead salt,
basic
cadmium hydroxide
Lead titanium
zirconium oxide
dioxobis(stearato)trilead
tetralead trioxide
sulphate
trilead dioxide
phosphonate
pentalead tetraoxide
sulphate
lead oxide sulfate
Silicic acid, lead salt
cadmium chloride
lead dinitrate
pyrochlore, antimony
lead yellow
cadmium fluoride
cadmium
lead
 α,α -Bis[4-
(dimethylamino)phenyl]-4
(phenylamino)

[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(Lead oxide trilead bis(carbonate) dihydroxide orange lead cadmium sulphide cadmium oxide (non-pyrophoric) diboron trioxide bis(pentabromophenyl) ether 4,4'-bis(dimethylamino)-4''-(methylamino)trityl [4-[4,4'-bis(dimethylamino)benzhydrylidene]cycl cadmium carbonate 1,2-dimethoxyethane 4,4'-bis(dimethylamino)benzophenone dichromium tris(chromate) phenolphthalein lead diazide bis(2-methoxyethyl) phthalate Formaldehyde, polymer with benzenamine

Halogen-Free

Status

Not 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

[41671](#) 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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