

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0423753328](#)  
**Status:** **Active**  
**Description:** KK 100 Hdr Assy Bkwy 06 Ckt

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**Application tooling part link**

|                               |            |
|-------------------------------|------------|
| Application Tooling Part Link | 11-20-1230 |
|-------------------------------|------------|

**General**

|                |                       |
|----------------|-----------------------|
| Product Family | PCB Headers           |
| Series         | <a href="#">42375</a> |
| Product Name   | KK 254                |
| UPC            | 822348366873          |

**Physical**

|              |         |
|--------------|---------|
| Flammability | 94V-0   |
| Net Weight   | 0.481/g |

**Electrical**

|                   |      |
|-------------------|------|
| Voltage - Maximum | 500V |
|-------------------|------|

**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**

**Reference - Drawing Numbers**

|                         |                   |
|-------------------------|-------------------|
| Packaging Specification | PK-40873-0041-001 |
| Product Specification   | PS-10-07-001      |
| Sales Drawing           | SD-42375-001-001  |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

China RoHS

Contained Per -  
D(2020)4578-DC (25  
June 2020)  
hencosafluoroundecanoic  
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  
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 (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>),  
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-C<sub>6</sub>-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  
hydroxyoctaoxidizincatedichromate(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  
 $\alpha,\alpha$ -Bis[4-  
(dimethylamino)phenyl]-4  
(phenylamino)  
[4-[[4-anilino-1-  
naphthyl]]4-  
(dimethylamino)phen  
1,3,5-  
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**  
[42375 Series](#)

This document was generated on 10/14/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**