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Part Number: [5023521310](#)
Status: **Active**
Overview: [DuraClik Connector System](#)
Description: DuraClik Wire-to-Board Header, Single Row, Right-Angle, 13 Circuits, Gold (Au) Plating, Natural

Documents:

3D Model	Product Specification PS-502351-002-001 (PDF)
3D Model (PDF)	Packaging Specification PK-502352-002-JP-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 5051510002-000 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [502352](#)
 Application Automotive, Signal, Wire-to-Board
 Comments The Operating Temperature Range when used with DuraClik series 502351 is -40°C to +105°C. It is -40°C to 125°C when used with DuraClik ISL series 560123 or TPA series 505151.
 Overview [DuraClik Connector System](#)
 Product Name DuraClik
 UPC 887191654034

Physical

Breakaway	No
Circuits (Loaded)	13
Circuits (maximum)	13
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	SC-0
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	6.40mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	Polyamide
Net Weight	1.360/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Contained Per -
 D(2020)4578-DC (25 June 2020)
 diisopentylphthalate
 methoxyacetic acid
 disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)-octamethylcyclotetrasiloxane methoxyacetic acid
 1,2-diethoxyethane
 dibutyltin dichloride
 2-methylimidazole
 octamethylcyclotetrasiloxane
 decamethylcyclopentasiloxane
 dodecamethylcyclohexasiloxane
 heptacosafuorotetradecanoic acid
 perfluorooctanoic acid
 tricosafuorododecanoic acid
 di-n-pentyl phthalate (DPP)
 4,4'-methylenedi-o-toluidine
 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-3,1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1 sodium peroxometaborate

China RoHS

Current - Maximum per Contact
Voltage - Maximum

3.0A
125V

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification
Sales Drawing

PK-502352-002-JP-001
5051510002-000, PS-502351-002-001
SD-502352-001-001, SD-502352-002-001

2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)p
2-benzotriazol-2-yl-4,6-di-tert-butylphenol
ammoniumpentadecafluorooctanoate
henicosafuoroundecanoic acid
disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo]chromium trioxide
1,3-propanesultone
1-vinylimidazole
4,4'-methylenedi-o-toluidine
butyl 4-hydroxybenzoate
dinoseb (ISO)
phenanthrene
dihexyl phthalate (DnHP)
dicyclohexyl phthalate
p-(1,1-dimethylpropyl)phenol
N-methylacetamide
dimethyl sulphate
propylene oxide
diethyl sulphate
4-aminoazobenzene
benzo[a]pyrene
butyl 4-hydroxybenzoate
di-n-pentyl phthalate (DPP)
C,C'-azodi(formamide)
6-methoxy-m-toluidine
2-methoxyethyl acetate
furan
ethylenediamine
1-bromopropane
nitrobenzene
4-tert-butylphenol
4-o-tolylazo-o-toluidine
ethylene thiourea
4-methyl-m-phenylenediamine
o-toluidine
Reaction
products of 1,3,4-thiadiazolidine-2,5-d
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Chrysene
Pyrene
Fluoranthene
Perfluorobutane
sulfonic acid (PFBS) and its sal
Tris(4-nonylphenyl, branched and linear)
phosphi

2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propio
Nonadecafluorodecanoic
acid (PFDA) and its
sodi
4-Heptylphenol,
branched and linear
4-Nonylphenol,
branched and linear,
ethoxylated
4-(1,1,3,3-
tetramethylbutyl)phenol,
ethoxylated
Reaction
products of 1,3,4-
thiadiazolidine-2,5-d
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
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Cadmium sulphate
Bisphenol-A
Sodium perborate;
perboric acid, sodium
salt
Methylhexahydrophthalic
anhydride
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
3-ethyl-2-methyl-2-
(3-methylbutyl)-1,3-
oxazolidi
2-benzyl-2-
dimethylamino-4-
morpholinobutyropheno
4,4-
isobutylethylidenediphenol
2-methyl-1-(4-
methylthiophenyl)-2-
morpholinoprop
1,2-
benzenedicarboxylic
acid, dipentylester,
bra
pentacosafuorotridecanoic
acid
diisohexyl phthalate
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
n-pentyl-
isopentylphthalate
Trixylyl phosphate
4-Nonylphenol,
branched and linear
[substances w
Acids generated from
chromium trioxide and
their
Zirconia
Aluminosilicate
Refractory Ceramic
Fibr
Aluminosilicate
Refractory Ceramic
Fibres
Sodium dichromate
4,4'-Oxydianiline and
its salts
Boric acid
Disodium tetraborate
Hydrazine
1,3-BENZENEDIOL,
TRINITRO-, LEAD
SALT
n-pentyl-
isopentylphthalate
1,3,5-tris-[(2S
and 2R)-2,3-
epoxypropyl]-1,3,5-t
N-methyl-2-
pyrrolidone
1,2-
benzenedicarboxylic
acid; di-C7-11-
branched
strontium chromate
2-ethoxyethyl acetate
cobalt sulphate
cobalt dinitrate
cobalt di(acetate)
cobalt carbonate
2-methoxyethanol
2-ethoxyethanol
trichloroethylene
tetraboron disodium
heptaoxide, hydrate
N-methyl-2-
pyrrolidone
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
1,2,3-trichloropropane
Anthracene oil,
anthracene paste,
anthracene fra
Anthracene oil,
anthracene paste;
Anthracene Oil
Anthracene oil;
Anthracene oil
2,4-dinitrotoluene
lead hydrogen
arsenate
bis(tributyltin) oxide
alkanes, C10-13,
chloro
bis(2-ethylhexyl)
phthalate (DEHP)
musk xylene
diarsenic trioxide
diarsenic pentaoxide
cobalt dichloride
dibutyl phthalate
(DBP)
4,4'-
diaminodiphenylmethane
triethyl arsenate
Anthracene oil,
anthracene paste,
distn. lights;
tetraboron disodium
heptaoxide, hydrate
sodium chromate
potassium dichromate
potassium chromate
ammonium
dichromate
tris(2-chloroethyl)
phosphate
Pitch, coal tar, high-
temp.; Pitch
Lead sulfochromate
yellow
Lead chromate
molybdate sulfate red
lead chromate
diisobutyl phthalate
(DIBP)
Anthracene oil,
anthracene-low;
Anthracene Oil F
Anthracene oil,
anthracene paste,
distn. lights;

trilead dioxide
phosphonate
pentalead tetraoxide
sulphate
lead titanium trioxide
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)phen
trilead dioxide
phosphonate
1,3,5-tris-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-t
lead(II)
methanesulphonate
Fatty acids, C16-18,
lead salts
[phthalato(2-)]dioxotrilead
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
Sulfurous acid, lead
salt, dibasic
Acetic acid, lead salt,
basic
lead cyanamidate
lead
bis(tetrafluoroborate)
Lead titanium
zirconium oxide
dioxobis(stearato)trilead
tetralead trioxide
sulphate
lead di(acetate)
1,2-bis(2-methoxyethoxy)ethane
1,2-dimethoxyethane
N,N,N',N'-
tetramethyl-4,4'-
methylenedianiline
4,4'-
bis(dimethylamino)benzophenone
tetraethyllead
formamide
2,2'-dichloro-4,4'-
methylenedianiline
dichromium
tris(chromate)
phenolphthalein
lead diazide
bis(2-methoxyethyl)
phthalate

Formaldehyde,
polymer with
benzenamine
cadmium carbonate
[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

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

[502352](#) Series

Mates With

DuraClik Crimp Housings [502351](#) , [560123](#) ,
[505151](#)

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