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Part Number: [5023521110](#)
Status: **Active**
Overview: [DuraClik Connector System](#)
Description: DuraClik Wire-to-Board Header, Single Row, Right-Angle, 11 Circuits, Gold (Au) Plating, Natural

Documents:

3D Model	Product Specification PS-502351-002-001 (PDF)
Drawing (PDF)	Packaging Specification PK-502352-002-JP-001 (PDF)
3D Model (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 887191654027

Physical

Breakaway	No
Circuits (Loaded)	11
Circuits (maximum)	11
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	1.187/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



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

China RoHS

Contained Per -
 D(2020)4578-DC (25
 June 2020)
 octamethylcyclotetrasiloxane
 decamethylcyclopentasiloxane
 dodecamethylcyclohexasiloxane
 disodium 3,3'-[[1,1'-
 biphenyl]-4,4'-
 diylbis(azo)
 diisopentylphthalate
 methoxyacetic acid
 dodecamethylcyclohexasiloxane
 heptacosafuorotetradecanoic
 acid
 perfluorooctanoic acid
 tricosafuorododecanoic
 acid
 di-n-pentyl phthalate
 (DPP)
 C,C'-
 azodi(formamide)
 sodium
 peroxometaborate
 ammoniumpentadecafluorooctanoate
 hencosafluoroundecanoic
 acid
 disodium 4-
 amino-3-[[4'-[(2,4-
 diaminophenyl)azo]
 chromium trioxide
 1,3-propanesultone
 1-vinylimidazole
 4,4'-methylenedi-o-
 toluidine
 2-methylimidazole
 dibutyltin dichloride
 1,2-diethoxyethane
 6-methoxy-m-toluidine

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

butyl 4-
hydroxybenzoate
dinoseb (ISO)
phenanthrene
dihexyl phthalate
(DnHP)
p-(1,1-
dimethylpropyl)phenol
N-methylacetamide
dimethyl sulphate
propylene oxide
diethyl sulphate
4-aminoazobenzene
benzo[a]pyrene
1,3,5-tris-[(2S
and 2R)-2,3-
epoxypropyl]-1,3,5-t
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
butyl 4-
hydroxybenzoate
1,7,7-trimethyl-3-
(phenylmethylene)bicyclo[2.2.1
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Chrysene
Pyrene
Fluoranthene
Tris(4-nonylphenyl,
branched and linear)
phosphi
2,3,3,3-tetrafluoro-2-
(heptafluoropropoxy)propio
Nonadecafluorodecanoic
acid (PFDA) and its
sodiu
4-Heptylphenol,
branched and linear
4-Nonylphenol,
branched and linear,
ethoxylated
4-(1,1,3,3-
tetramethylbutyl)phenol,
ethoxylated
Trixylyl phosphate
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
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
Reaction
products of 1,3,4-
thiadiazolidine-2,5-d
4-Nonylphenol,
branched and linear
[substances w
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
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,
1,7,7-trimethyl-3-
(phenylmethylene)bicyclo[2.2.1
4-Nonylphenol,
branched and linear
[substances w
Acids generated from
chromium trioxide and
their
Zirconia
Aluminosilicate

Refractory Ceramic
Fibr
Aluminosilicate
Refractory Ceramic
Fibres
4,4'-Oxydianiline and
its salts
Boric acid
Disodium tetraborate
Hydrazine
1,3-BENZENEDIOL,
TRINITRO-, LEAD
SALT
n-pentyl-
isopentylphthalate
3-ethyl-2-methyl-2-
(3-methylbutyl)-1,3-
oxazolidi
2-benzyl-2-
dimethylamino-4-
morpholinobutyropheno
bis(2-methoxyethyl)
ether
calcium arsenate
1,2-
benzenedicarboxylic
acid; di-C6-8-
branched a
1,2,3-trichloropropane
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
lead diazide
bis(2-methoxyethyl)
phthalate
Formaldehyde,
polymer with
benzenamine
pentazinc chromate
octahydroxide
1,2-dichloroethane
trilead diarsenate
2-methoxyaniline
arsenic acid
N,N-
dimethylacetamide
lead dipicrate
potassium
hydroxyoctaoxodizincatedichromate(1-)
bis(2-methoxyethyl)
ether
cobalt carbonate
lead chromate
diisobutyl phthalate
(DIBP)

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
Anthracene oil;
Anthracene oil
2,4-dinitrotoluene
lead hydrogen
arsenate
4,4'-
diaminodiphenylmethane
triethyl arsenate
2-ethoxyethanol
trichloroethylene
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 diazide
tetralead trioxide
sulphate
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
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
[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexylidene]lead di(acetate)
1,2-bis(2-methoxyethoxy)ethane
1,2-dimethoxyethane
N,N,N',N'-tetramethyl-4,4'-methyldianiline
4,4'-bis(dimethylamino)benzophenone
tetraethyllead
formamide
2,2'-dichloro-4,4'-methylenedianiline
dichromium
tris(chromate)
phenolphthalein
 α,α' -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)
[4-[[4-anilino-1-naphthyl]]4-(dimethylamino)phenyl]
1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-trioxide
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

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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