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Part Number: [5023521510](#)
Status: **Active**
Overview: DuraClik Connector System
Description: DuraClik Wire-to-Board Header, Single Row, Right-Angle, 15 Circuits, Gold (Au) Plating, Natural

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 887191654041

Physical

Breakaway No
 Circuits (Loaded) 15
 Circuits (maximum) 15
 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 1.533/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

Current - Maximum per Contact 3.0A
 Voltage - Maximum 125V

Material Info

Reference - Drawing Numbers

Packaging Specification PK-502352-002-JP-001
 Product Specification 5051510002-000, PS-502351-002-001

**EU ELV
Compliant**

**EU RoHS
Compliant** **China RoHS**

REACH SVHC

Contained Per -
 D(2020)4578-DC (25
 June 2020)
 octamethylcyclotetrasiloxane
 disodium 3,3'-[[1,1'-
 biphenyl]-4,4'-
 diylbis(azo)
 octamethylcyclotetrasiloxane
 dodecamethylcyclohexasiloxane
 disodium 3,3'-[[1,1'-
 biphenyl]-4,4'-
 diylbis(azo)
 diisopentylphthalate
 methoxyacetic acid
 1,2-diethoxyethane
 heptacosafuorotetradecanoic
 acid
 perfluorooctanoic acid
 tricosafuorododecanoic
 acid
 di-n-pentyl phthalate
 (DPP)
 C,C'-
 azodi(formamide)
 6-methoxy-m-toluidine
 1,7,7-trimethyl-3-
 (phenylmethylene)bicyclo[2.2.1
 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
 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
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,
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
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
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
hydroxyoctaoxidizincatedichromate(1-)
bis(2-methoxyethyl)
ether
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
 α,α -Bis[4-
(dimethylamino)phenyl]-4
(phenylamino)
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
[4-[4,4'-
bis(dimethylamino)
benzhydrylidene]cycl
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
 α,α #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

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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