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Part Number: **5600201430**
Status: **Active**
Overview: DuraClik Connector System
Description: DuraClik Wire-to-Board Header, Single Row, Vertical, 14 Circuits, Gold (Au) Over Nickel, Natural

Documents:

3D Model	Product Specification PS-502351-002-001 (PDF)
3D Model (PDF)	Packaging Specification PK-560020-002-JP-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 5051510002-000 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

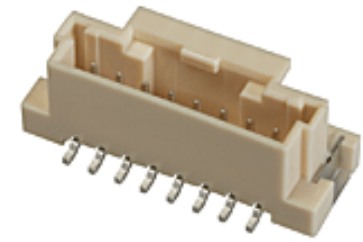
Product Family	PCB Headers
Series	<u>560020</u>
Application	Automotive, Signal, Wire-to-Board
Comments	The Operating Temperature Range when used with DuraClik series 502351 is -40°C to +105°C. It is -40°C to 125°C when used with DuraClik ISL series 560123 or TPA series 505151.
Overview	<u>DuraClik Connector System</u>
Product Name	DuraClik
UPC	887191751160

Physical

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	SC-0
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	Polyamide
Net Weight	1.521/g
Number of Rows	1
Orientation	Vertical
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, -40° to +125°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact 3.0A



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

China RoHS

Contained Per -
D(2020)4578-DC (25 June 2020)
perfluorooctanoic acid
heptacosafuorotetradecanoic acid
dodecamethylcyclohexasiloxane
decamethylcyclopentasiloxane
octamethylcyclotetrasiloxane
disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]-4,4'-diylbis(phthalate)
methoxyacetic acid
1,2-diethoxyethane
dibutyltin dichloride
2-methylimidazole
4,4'-methylenedi-ortho-toluidine
1-vinylimidazole
1,3-propanesultone
chromium trioxide
disodium 4-amino-3-[[4'-((2,4-diaminophenyl)azo)]henicosafuoroundecanoic acid
ammoniumpentadecafluorooctanoate sodium
peroxometaborate
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,4-aminoazobenzene
diethyl sulphate
propylene oxide
dimethyl sulphate

Voltage - Maximum

125V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-560020-002-JP-001

5051510002-000, PS-502351-002-001

SD-560020-001-001, SD-560020-003-001

N-methylacetamide
p-(1,1-dimethylpropyl)phenol
dihexyl phthalate
(DnHP)
phenanthrene
dinoseb (ISO)
butyl 4-hydroxybenzoate
o-toluidine
4-methyl-m-phenylenediamine
ethylene thiourea
4-o-tolylazo-o-toluidine
4-tert-butylphenol
nitrobenzene
1-bromopropane
ethylenediamine
furan
2-methoxyethyl acetate
6-methoxy-m-toluidine
C,C'-azodi(formamide)
di-n-pentyl phthalate (DPP)
tricosfluorododecanoic acid
perfluorooctanoic acid
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,4-Nonylphenol, branched and linear, ethoxylated
4-Heptylphenol, branched and linear
Nonadecafluorodecanoic acid (PFDA) and its sodiu
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propio
Tris(4-nonylphenyl, branched and linear)
phosphi
Fluoranthene
Pyrene
Chrysene
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Reaction
products of 1,3,4-thiadiazolidine-2,5-d
Perfluorononan-1-oic acid
(2,2,3,3,4,4,5,5,6,6,7
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated
hexahydro-2-benzofuran-1,3-dione
Methylhexahydrophthalic anhydride

Sodium perborate;
perboric acid, sodium
salt
Cadmium sulphate
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
1,2-
benzenedicarboxylic
acid, di-C6-10-alkyl
est
5-sec-butyl-2-(2,4-
dimethylcyclohex-3-
en-1-yl)-5
Perfluorohexane-1-
sulphonic acid and its
salts
dibutylbis(pentane-2,4-
dionato-O,O')tin
2-(2H-benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
diisohexyl phthalate
pentacosafuorotridecanoic
acid
1,2-
benzenedicarboxylic
acid, dipentylester,
bra
2-methyl-1-(4-
methylthiophenyl)-2-
morpholinoprop
4,4-
isobutylethylidenediphenol
2-benzyl-2-
dimethylamino-4-
morpholinobutyropheno
3-ethyl-2-methyl-2-
(3-methylbutyl)-1,3-
oxazolidi
n-pentyl-
isopentylphthalate
1,3-BENZENEDIOL,
TRINITRO-, LEAD
SALT
Hydrazine
Disodium tetraborate
Boric acid
4,4'-Oxydianiline and
its salts
Aluminosilicate
Refractory Ceramic
Fibres
Zirconia
Aluminosilicate
Refractory Ceramic
Fibr
Acids generated from
chromium trioxide and
their

4-Nonylphenol,
branched and linear
[substances w
Trixylyl phosphate
4-(1,1,3,3-
tetramethylbutyl)phenol,
ethoxylated
strontium chromate
1,2-
benzenedicarboxylic
acid; di-C7-11-
branched
N-methyl-2-
pyrrolidone
1,2,3-trichloropropane
1,2-
benzenedicarboxylic
acid; di-C6-8-
branched a
calcium arsenate
bis(2-methoxyethyl)
ether
potassium
hydroxyoctaoxidizincatedichromate(1-)
lead dipicrate
N,N-
dimethylacetamide
arsenic acid
2-methoxyaniline
trilead diarsenate
1,2-dichloroethane
pentazinc chromate
octahydroxide
Formaldehyde,
polymer with
benzenamine
bis(2-methoxyethyl)
phthalate
lead diazide
phenolphthalein
dichromium
tris(chromate)
2,2'-dichloro-4,4'-
methylenedianiline
formamide
tetraethyllead
4,4'-
bis(dimethylamino)benzophenone
N,N,N',N'-
tetramethyl-4,4'-
methylenedianiline
triethyl arsenate
4,4'-
diaminodiphenylmethane
lead hydrogen
arsenate
2,4-dinitrotoluene
Anthracene oil;
Anthracene oil
Anthracene oil,
anthracene paste;
Anthracene Oil
Anthracene oil,
anthracene paste,
anthracene fra

Anthracene oil,
anthracene paste,
distn. lights;
Anthracene oil,
anthracene-low;
Anthracene Oil F
diisobutyl phthalate
(DIBP)
lead chromate
Lead chromate
molybdate sulfate red
Lead sulfochromate
yellow
Pitch, coal tar, high-
temp.; Pitch
tris(2-chloroethyl)
phosphate
ammonium
dichromate
potassium chromate
potassium dichromate
sodium chromate
tetraboron disodium
heptaoxide, hydrate
trichloroethylene
2-ethoxyethanol
cobalt carbonate
cobalt di(acetate)
cobalt dinitrate
cobalt sulphate
2-ethoxyethyl acetate
1,2-dimethoxyethane
cadmium chloride
Silicic acid, lead salt
lead oxide sulfate
lead titanium trioxide
pentalead tetraoxide
sulphate
trilead dioxide
phosphonate
tetralead trioxide
sulphate
dioxobis(stearato)trilead
Lead titanium
zirconium oxide
lead
bis(tetrafluoroborate)
lead cyanamidate
Acetic acid, lead salt,
basic
Sulfurous acid, lead
salt, dibasic
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
[phthalato(2-)]dioxotrilead
Fatty acids, C16-18,
lead salts
lead(II)
methanesulphonate
1,3,5-tris-[(2S
and 2R)-2,3-
epoxypropyl]-1,3,5-t
benzo[a]pyrene
4-aminoazobenzene

1,2-dimethoxyethane
1,2-bis(2-methoxyethoxy)ethane
lead di(acetate)
[4-[4,4'-bis(dimethylamino)benzhydrylidene]cycl
4,4'-bis(dimethylamino)-4''-(methylamino)trityl
bis(pentabromophenyl)
ether
diboron trioxide
cadmium oxide (non-pyrophoric)
cadmium sulphide
orange lead
trilead bis(carbonate)
dihydroxide
Lead oxide
1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6([4-[[4-anilino-1-naphthyl]]4-(dimethylamino)phen
 α,α #Bis[4-(dimethylamino)phenyl]-4(phenylamino)
lead
cadmium
cadmium fluoride
pyrochlore, antimony
lead yellow
lead dinitrate

**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

[560020](#) Series

Mates With

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

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