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Part Number: [5600200820](#)
Status: **Active**
Overview: [DuraClik Connector System](#)
Description: DuraClik Wire-to-Board Header, Single Row, Vertical, 8 Circuits, Tin (Sn) Over Nickel, Natural

Documents:

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

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [560020](#)
 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.

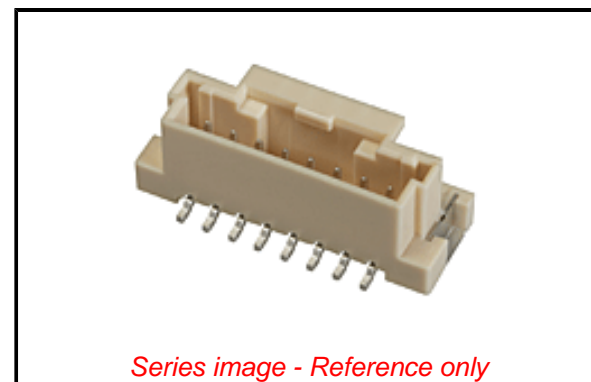
Overview [DuraClik Connector System](#)
 Product Name DuraClik
 UPC 887191747347

Physical

Breakaway No
 Circuits (Loaded) 8
 Circuits (maximum) 8
 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 Tin
 Material - Resin Polyamide
 Net Weight 1.008/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



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

China RoHS

Contained Per -
 D(2020)4578-DC (25
 June 2020)
 perfluorooctanoic acid
 dodecamethylcyclohexasiloxane
 decamethylcyclopentasiloxane
 disodium 3,3'-[[1,1'-
 biphenyl]-4,4'-
 diylbis(azo)
 diisopentylphthalate
 1,2-diethoxyethane
 dibutyltin dichloride
 1-vinylimidazole
 1,3-propanesultone
 disodium 4-
 amino-3-[[4'-[(2,4-
 diaminophenyl)azo]
 ammoniumpentadecafluorooctanoate
 sodium
 peroxometaborate
 2-ethylhexyl 10-
 ethyl-4,4-dioctyl-7-
 oxo-8-oxa-3,
 2-(2H-benzotriazol-2-
 yl)-4,6-
 ditertpentylphenol
 2-(2H-benzotriazol-2-
 yl)-4-(tert-butyl)-6-
 (sec-b
 benzo[a]pyrene
 4-aminoazobenzene
 dimethyl sulphate
 N-methylacetamide
 p-(1,1-
 dimethylpropyl)phenol
 dicyclohexyl phthalate
 dihexyl phthalate
 (DnHP)
 phenanthrene

Voltage - Maximum 125V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 040
Lead-free Process Capability REFLOW
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 255

Material Info

Reference - Drawing Numbers

Packaging Specification PK-560020-002-JP-001
Product Specification PS-502351-001-001
Sales Drawing SD-560020-001-001, SD-560020-003-001

butyl 4-hydroxybenzoate
o-toluidine
4-methyl-m-phenylenediamine
ethylene thiourea
4-o-tolylazo-o-toluidine
furan
di-n-pentyl phthalate (DPP)
Trixylyl phosphate
4-Nonylphenol, branched and linear, ethoxylated
Nonadecafluorodecanoic acid (PFDA) and its sodiu
Tris(4-nonylphenyl, branched and linear) phosphi
Perfluorobutane sulfonic acid (PFBS) and its sal
Pyrene
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
Methylhexahydrophthalic anhydride
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
Terphenyl, hydrogenated
1,2-Benzenedicarboxylic acid, dihexyl ester, bra
diisohexyl phthalate
pentacosafuorotridecanoic acid
1,2-benzenedicarboxylic acid, dipentylester, bra
2-methyl-1-(4-methylthiophenyl)-2-morpholinoprop

2-benzyl-2-dimethylamino-4-morpholinobutyrophenone
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidinone
n-pentylisopentylphthalate
Disodium tetraborate
Boric acid
4,4'-Oxydianiline and its salts
Aluminosilicate
Refractory Ceramic Fibres
Zirconia
Aluminosilicate
Refractory Ceramic Fibre
4-Nonylphenol, branched and linear
[substances with cobalt dinitrate
cobalt sulphate
2-ethoxyethyl acetate
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
bis(2-methoxyethyl) ether
potassium hydroxyoctaoxodizincatedichromate(1-)
arsenic acid
trilead diarsenate
pentazinc chromate octahydroxide
bis(2-methoxyethyl) phthalate
dichromium tris(chromate)
4,4'-diaminodiphenylmethane
dibutyl phthalate (DBP)
bis(2-ethylhexyl) phthalate (DEHP)
lead hydrogen arsenate
Anthracene oil, anthracene-low;
Anthracene Oil F
lead chromate
Lead chromate molybdate sulfate red
Lead sulfochromate yellow

Pitch, coal tar, high-temp.; Pitch
potassium chromate
potassium dichromate
tetraboron disodium
heptaoxide, hydrate
trichloroethylene
2-ethoxyethanol
cobalt carbonate
cadmium
lead dinitrate
Silicic acid, lead salt
lead oxide sulfate
lead titanium trioxide
pentalead tetraoxide
sulphate
tetralead trioxide
sulphate
dioxobis(stearato)trilead
Lead titanium
zirconium oxide
lead
bis(tetrafluoroborate)
lead cyanamidate
Sulfurous acid, lead
salt, dibasic
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
[phthalato(2-)]dioxotrilead
Fatty acids, C₁₆₋₁₈,
lead salts
2,2'-dichloro-4,4'-
methylenedianiline
N,N,N',N'-
tetramethyl-4,4'-
methylenedianiline
1,2-dimethoxyethane
1,2-bis(2-
methoxyethoxy)ethane
cadmium carbonate
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
lead

**Halogen-Free
Status**

Not Low-Halogen

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

China ROHS
ELV

Green Image
Compliant

RoHS Phthalates Not Contained

Search Parts in this Series

560020 Series

Mates With

DuraClik Crimp Housings 502351 , 560123 ,
505151

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