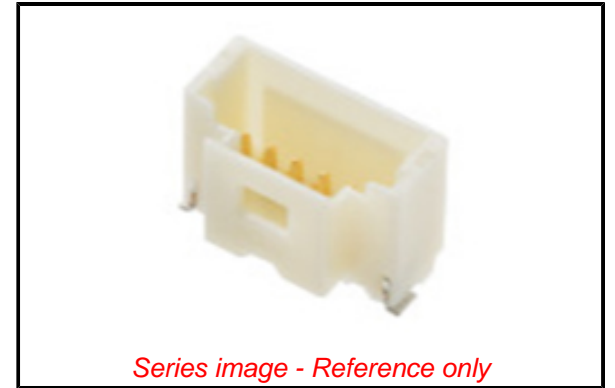


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Part Number: [5044491107](#)
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Vertical, Surface Mount, 0.10µm Gold Plated, with Inner Positive Lock, 11 Circuits, Natural

Documents:

3D Model	Product Specification 5013301000-PS-002 (PDF)
Drawing (PDF)	Application Specification 5013300000-AS-000 (PDF)
3D Model (PDF)	Packaging Specification SPK-504449-001-001 (PDF)
Product Specification 5013300000-PS-002 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	PCB Headers
Series	504449
Application	Signal, Wire-to-Board
Overview	Pico-Clasp Wire-to-Board Connectors
Product Name	Pico-Clasp
UPC	887191268125

Physical

Breakaway	No
Circuits (Loaded)	11
Circuits (maximum)	11
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Polyamide
Net Weight	224.200/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Plating min - Mating	0.102µm
Plating min - Termination	0.102µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Robotic Placement	Vacuum Pick-Up Tape
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	100V AC (RMS)/DC

Material Info

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
disodium 4-
amino-3-[[4'-[(2,4-
diaminophenyl)azo]
ammoniumpentadecafluorooctanoate
disodium 4-
amino-3-[[4'-[(2,4-
diaminophenyl)azo]
1,3-propanesultone
ammoniumpentadecafluorooctanoate
2-benzotriazol-2-
yl-4,6-di-tert-
butylphenol
1,3-propanesultone
1-vinylimidazole
1,2-diethoxyethane
disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
2,4-di-tert-butyl-6-(5-
chlorobenzotriazol-2-
yl)p
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
Terphenyl,
hydrogenated
1,2-
Benzenedicarboxylic

China RoHS

Reference - Drawing Numbers

Application Specification

Packaging Specification

Product Specification

Sales Drawing

5013300000-AS-000

SPK-504449-001-001

5013300000-PS-002, 5013301000-PS-002

5044490000-SD-000

acid, dihexyl ester,

bra

pentacosafuorotridecanoic

acid

benzo[a]pyrene

dimethyl sulphate

N-methylacetamide

p-(1,1-

dimethylpropyl)phenol

dicyclohexyl phthalate

phenanthrene

butyl 4-

hydroxybenzoate

o-toluidine

4-methyl-m-

phenylenediamine

ethylene thiourea

4-o-tolylazo-o-

toluidine

furan

di-n-pentyl phthalate

(DPP)

perfluorooctanoic acid

dodecamethylcyclohexasiloxane

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

Bisphenol-A

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

pentacosafuorotridecanoic

acid

1,2-

benzenedicarboxylic

acid, dipentylester,
bra
2-methyl-1-(4-
methylthiophenyl)-2-
morpholinoprop
2-benzyl-2-
dimethylamino-4-
morpholinobutyropheno
3-ethyl-2-methyl-2-
(3-methylbutyl)-1,3-
oxazolidi
n-pentyl-
isopentylphthalate
Disodium tetraborate
Boric acid
4,4'-Oxydianiline and
its salts
Sodium dichromate
Aluminosilicate
Refractory Ceramic
Fibres
Zirconia
Aluminosilicate
Refractory Ceramic
Fibr
4-Nonylphenol,
branched and linear
[substances w
Trixylyl phosphate
4-Nonylphenol,
branched and linear,
ethoxylated
benzo[a]pyrene
potassium chromate
potassium dichromate
tetraboron disodium
heptaoxide, hydrate
trichloroethylene
2-ethoxyethanol
2-methoxyethanol
cobalt carbonate
cobalt dinitrate
cobalt sulphate
2-ethoxyethyl acetate
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
potassium
hydroxyoctaoxidizincatedichromate(1-)
4,4'-
diaminodiphenylmethane
dibutyl phthalate
(DBP)
cobalt dichloride
diarsenic pentaoxide
diarsenic trioxide
musk xylene

bis(2-ethylhexyl)
phthalate (DEHP)
alkanes, C10-13,
chloro
bis(tributyltin) oxide
lead hydrogen
arsenate
Anthracene oil,
anthracene-low;
Anthracene Oil F
lead chromate
Lead chromate
molybdate sulfate red
Pitch, coal tar, high-
temp.; Pitch
potassium chromate
[4-[[4-anilino-1-
naphthyl]]4-
(dimethylamino)phen
lead
cadmium
lead dinitrate
Silicic acid, lead salt
lead oxide sulfate
lead titanium trioxide
tetralead trioxide
sulphate
dioxobis(stearato)trilead
lead
bis(tetrafluoroborate)
Sulfurous acid, lead
salt, dibasic
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
[phthalato(2-)]dioxotrilead
Fatty acids, C16-18,
lead salts
benzo[a]pyrene
potassium
hydroxyoctaoxidizincatedichromate(1-)
arsenic acid
trilead diarsenate
pentazinc chromate
octahydroxide
bis(2-methoxyethyl)
phthalate
dichromium
tris(chromate)
2,2'-dichloro-4,4'-
methylenedianiline
N,N,N',N'-
tetramethyl-4,4'-
methylenedianiline
cadmium carbonate
diboron trioxide
cadmium oxide (non-
pyrophoric)
orange lead
trilead bis(carbonate)
dihydroxide
Lead oxide
1,3,5-
tris(oxiranylmethyl)-1,3,5-
triazine-2,4,6(

**Halogen-Free
Status**

Not Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[504449](#) Series

Mates With

Pico-Clasp Female Housing [501330](#)

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