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**Part Number:** [5044490207](#)

**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 Friction Lock, 2 Circuits, Natural

**Documents:**

[3D Model \(PDF\)](#)

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification 501330000-PS-002 \(PDF\)](#)

[Product Specification 5013301000-PS-002 \(PDF\)](#)

[Application Specification 5013300000-AS-000 \(PDF\)](#)

[Packaging Specification SPK-504449-001-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	504449
Application	Signal, Wire-to-Board
Overview	<a href="#">Pico-Clasp Wire-to-Board Connectors</a>
Product Name	Pico-Clasp
UPC	887191268316

**Physical**

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
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	74.700/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	2.0A
Voltage - Maximum	100V AC (RMS)/DC

**Material Info**



Series image - Reference only

**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  
hydroxyoctaoxodizincatedichromate(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 (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>),  
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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