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**Part Number:** [0530480850](#)  
**Status:** **Active**  
**Overview:** [PicoBlade Connector System](#)  
**Description:** 1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Through Hole, Gold (Au) Plating, Friction Lock, 8 Circuits, Tape and Reel, 2.30mm PC Tail Length

**Documents:**

[3D Model](#) [3D Model \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
 Series [53048](#)  
 Application Signal, Wire-to-Board  
 Overview [PicoBlade Connector System](#)  
 Product Name PicoBlade  
 UPC 191128467520

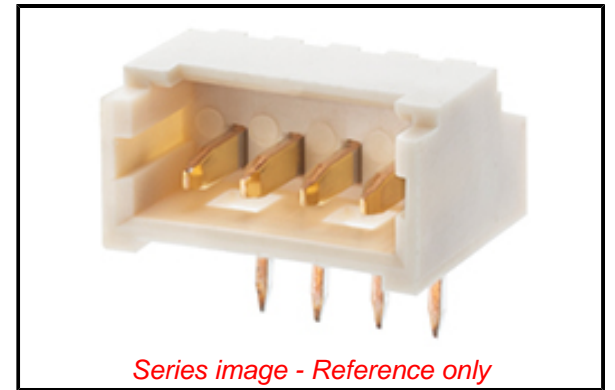
**Physical**

Breakaway No  
 Circuits (Loaded) 8  
 Circuits (maximum) 8  
 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  
 Mated Height 3.50mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Matte Tin  
 Material - Resin Polyamide  
 Net Weight 194.958/mg  
 Number of Rows 1  
 Orientation Right Angle  
 PC Tail Length 2.30mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 0.80mm  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 1.25mm  
 Plating min - Mating 0.380µm  
 Plating min - Termination 1.000µm  
 Shrouded Fully  
 Stackable No  
 Temperature Range - Operating -40° to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 1.0A  
 Voltage - Maximum 125V 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)  
 Terphenyl,  
 hydrogenated  
 2-(2H-benzotriazol-2-  
 yl)-4-(tert-butyl)-6-  
 (sec-b  
 2-(2H-benzotriazol-2-  
 yl)-4,6-  
 ditertpentylphenol  
 2-ethylhexyl 10-  
 ethyl-4,4-dioctyl-7-  
 oxo-8-oxa-3,  
 sodium  
 peroxometaborate  
 ammoniumpentadecafluorooctanoate  
 disodium 4-  
 amino-3-[[4'-[(2,4-  
 diaminophenyl)azo]  
 1,3-propanesultone  
 1-vinylimidazole  
 dibutyltin dichloride  
 1,2-diethoxyethane  
 diisopentylphthalate  
 disodium 3,3'-[[1,1'-  
 biphenyl]-4,4'-  
 diylbis(azo)  
 dodecamethylcyclohexasiloxane  
 perfluorooctanoic acid  
 di-n-pentyl phthalate  
 (DPP)  
 furan  
 4-o-tolylazo-o-  
 toluidine  
 ethylene thiourea  
 4-methyl-m-  
 phenylenediamine  
 o-toluidine

**China RoHS**

butyl 4-  
hydroxybenzoate  
phenanthrene  
dihexyl phthalate  
(DnHP)  
dicyclohexyl phthalate  
p-(1,1-  
dimethylpropyl)phenol  
N-methylacetamide  
dimethyl sulphate  
4-aminoazobenzene  
benzo[a]pyrene  
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  
Bisphenol-A  
Methylhexahydrophthalic  
anhydride  
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  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o  
Pyrene  
Perfluorobutane  
sulfonic acid (PFBS)  
and its sal  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodiu  
4-Nonylphenol,  
branched and linear,  
ethoxylated  
Trixylyl phosphate  
4-Nonylphenol,  
branched and linear  
[substances w  
Zirconia  
Aluminosilicate  
Refractory Ceramic  
Fibr  
Aluminosilicate  
Refractory Ceramic  
Fibres  
4,4'-Oxydianiline and  
its salts  
Boric acid  
Disodium tetraborate

n-pentyl-  
isopentylphthalate  
3-ethyl-2-methyl-2-  
(3-methylbutyl)-1,3-  
oxazolidi  
2-benzyl-2-  
dimethylamino-4-  
morpholinobutyropheno  
2-methyl-1-(4-  
methylthiophenyl)-2-  
morpholinoprop  
1,2-  
benzenedicarboxylic  
acid, dipentylester,  
bra  
pentacosafuorotridecanoic  
acid  
diisohexyl phthalate  
1,2-  
Benzenedicarboxylic  
acid, dihexyl ester,  
bra  
Fatty acids, C16-18,  
lead salts  
bis(2-methoxyethyl)  
phthalate  
pentazinc chromate  
octahydroxide  
trilead diarsenate  
arsenic acid  
potassium  
hydroxyoctaoxidizincatedichromate(1-)  
bis(2-methoxyethyl)  
ether  
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 carbonate  
2-ethoxyethanol  
trichloroethylene  
tetraboron disodium  
heptaoxide, hydrate  
potassium dichromate  
potassium chromate  
Pitch, coal tar, high-  
temp.; Pitch  
Lead sulfochromate  
yellow  
Lead chromate  
molybdate sulfate red  
lead chromate

Anthracene oil,  
anthracene-low;  
Anthracene Oil F  
lead hydrogen  
arsenate  
bis(2-ethylhexyl)  
phthalate (DEHP)  
diarsenic trioxide  
dibutyl phthalate  
(DBP)  
4,4'-  
diaminodiphenylmethane  
[phthalato(2-)]dioxotrilead  
Silicic acid (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>),  
barium salt (1:1),  
lead-  
Sulfurous acid, lead  
salt, dibasic  
lead cyanamidate  
lead  
bis(tetrafluoroborate)  
Lead titanium  
zirconium oxide  
dioxobis(stearato)trilead  
tetralead trioxide  
sulphate  
pentalead tetraoxide  
sulphate  
lead titanium trioxide  
lead oxide sulfate  
Silicic acid, lead salt  
lead dinitrate  
cadmium  
lead  
[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  
cadmium carbonate  
1,2-bis(2-  
methoxyethoxy)ethane  
1,2-dimethoxyethane  
N,N,N',N'-  
tetramethyl-4,4'-  
methylenedianiline  
2,2'-dichloro-4,4'-  
methylenedianiline  
dichromium  
tris(chromate)  
**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**

[53048](#) Series

**Mates With**

PicoBlade Housing [51021](#)

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