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Part Number: [0530480450](#)

Status: **Active**

Overview: [PicoBlade Connector System](#)

Description: 1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Through Hole, Gold (Au) Plating, Friction Lock, 4 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	191128466585

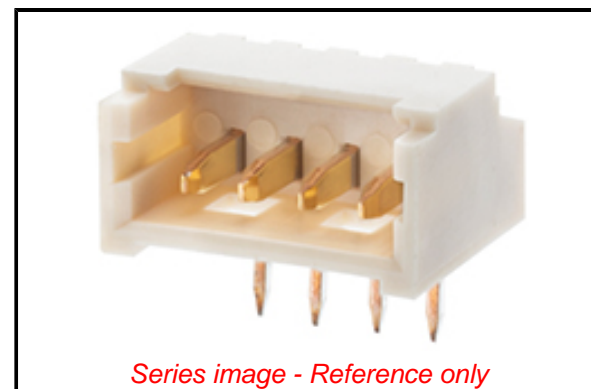
Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	113.629/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

China RoHS

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

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 (H₂Si₂O₅),
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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