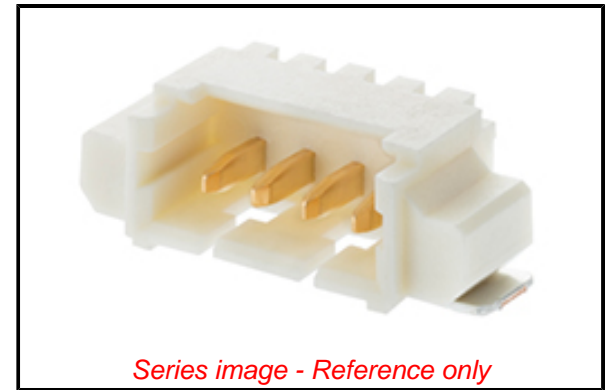


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0532617007](#)
Status: **Active**
Overview: [PicoBlade Connector System](#)
Description: 1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Surface Mount, Gold (Au) Plating, Friction Lock, 7 Circuits, Tape and Reel

Documents:

3D Model	Product Specification 510211001-PS-000 (PDF)
Drawing (PDF)	Application Specification 510210000-AS-000 (PDF)
3D Model (PDF)	Packaging Specification SPK-53261-002-001 (PDF)
Product Specification 510210001-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	53261
Application	Signal, Wire-to-Board
Overview	PicoBlade Connector System
Product Name	PicoBlade
UPC	191128467650

Physical

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	3.40mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Polyamide
Net Weight	218.747/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
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 +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	125V AC (RMS)/DC

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

China RoHS

Material Info

Reference - Drawing Numbers

Application Specification

Packaging Specification

Product Specification

Sales Drawing

510210000-AS-000

SPK-53261-002-001

510210001-PS-000, 510211001-PS-000

532610000-SD-000

di-n-pentyl phthalate
(DPP)

furan

4-o-tolylazo-o-
toluidine

ethylene thiourea

4-methyl-m-
phenylenediamine

o-toluidine

butyl 4-

hydroxybenzoate

phenanthrene

dicyclohexyl phthalate

p-(1,1-
dimethylpropyl)phenol

N-methylacetamide

dimethyl sulphate

pentacosafuorotridecanoic
acid

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
Sodium dichromate
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
benzo[a]pyrene
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
2-ethoxyethyl acetate
cobalt sulphate
cobalt dinitrate
cobalt carbonate
2-methoxyethanol
2-ethoxyethanol
trichloroethylene
tetraboron disodium
heptaoxide, hydrate
potassium dichromate
potassium chromate
Pitch, coal tar, high-
temp.; Pitch
Lead chromate
molybdate sulfate red
lead chromate
Anthracene oil,
anthracene-low;
Anthracene Oil F
lead hydrogen
arsenate
bis(tributyltin) oxide
alkanes, C10-13,
chloro
bis(2-ethylhexyl)
phthalate (DEHP)
musk xylene
diarsenic trioxide
diarsenic pentaoxide
cobalt dichloride

dibutyl phthalate
(DBP)
4,4'-
diaminodiphenylmethane
potassium
hydroxyoctaoxodizincatedichromate(1-)
Fatty acids, C16-18,
lead salts
[phthalato(2-)]dioxotrilead
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
Sulfurous acid, lead
salt, dibasic
lead
bis(tetrafluoroborate)
dioxobis(stearato)trilead
tetralead trioxide
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 oxide (non-
pyrophoric)
diboron trioxide
cadmium carbonate
N,N,N',N'-
tetramethyl-4,4'-
methylenedianiline
2,2'-dichloro-4,4'-
methylenedianiline
dichromium
tris(chromate)
bis(2-methoxyethyl)
phthalate
pentazinc chromate
octahydroxide
trilead diarsenate
arsenic acid

**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
[53261 Series](#)

Mates With
PicoBlade Housing [51021](#)

This document was generated on 10/20/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION