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Part Number: **5011937000**
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch, Pico-Clasp Female Crimp Terminal, Gold Plating 0.10µm, 28-32 AWG, Reel

Documents:

Drawing (PDF)	Product Specification 5019390000-PS-003 (PDF)
Product Specification 5011890000-PS-001 (PDF)	Product Specification 5019391000-PS-001 (PDF)
Product Specification 5011890000-PS-002 (PDF)	Application Specification 5011890000-AS-000 (PDF)
Product Specification 5011891000-PS-001 (PDF)	Application Specification 5011890000-AS-001 (PDF)
Product Specification 5013300000-PS-002 (PDF)	Application Specification 5013300000-AS-000 (PDF)
Product Specification 5013300000-PS-004 (PDF)	Application Specification 5013300000-AS-001 (PDF)
Product Specification 5013301000-PS-002 (PDF)	Packaging Specification SPK-501193-001-001 (PDF)
Product Specification 5019390000-PS-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	501193
Application	Signal, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<u>Pico-Clasp Wire-to-Board Connectors</u>
Product Name	Pico-Clasp
UPC	191130518524

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	22.089/mg
Packaging Type	Reel
Plating min - Mating	0.100µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.80mm max.
Wire Size AWG	28, 30, 32
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	100V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	5011890000-AS-000, 5011890000-AS-001, 5013300000-AS-000, 5013300000-AS-001
Crimp Specification	CS-501193-001-001
Packaging Specification	SPK-501193-001-001
Product Specification	5011890000-PS-001, 5011890000-PS-002, 5011891000-PS-001, 5013300000-PS-002, 5013300000-PS-004, 5013301000-PS-002, 5019390000-PS-001, 5019390000-PS-003, 5019391000-PS-001
Sales Drawing	5011930000-SD-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
di-n-pentyl phthalate
(DPP)
perfluorooctanoic acid
disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
diisopentylphthalate
1,2-diethoxyethane
dibutyltin dichloride
1,3-propanesultone
ammoniumpentadecafluorooctanoate
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
2-(2H-benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
diisohexyl phthalate
1,2-
benzenedicarboxylic
acid, dipentylester,
bra
n-pentyl-
isopentylphthalate
Boric acid
Nonadecafluorodecanoic
acid (PFDA) and its
sodiu
Tris(4-nonylphenyl,
branched and linear)
phosphi
Pyrene

Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
Methylhexahydrophthalic
anhydride
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Perfluorohexane-1-
sulphonic acid and its
salts
Lead sulfochromate
yellow
strontium chromate
bis(2-methoxyethyl)
ether
pentazinc chromate
octahydroxide
1,2-dimethoxyethane
1,2-bis(2-
methoxyethoxy)ethane
bis(pentabromophenyl)
ether
cadmium oxide (non-
pyrophoric)
cadmium sulphide
orange lead
cadmium
lead dinitrate
lead oxide sulfate
pentalead tetraoxide
sulphate
dioxobis(stearato)trilead
Lead titanium
zirconium oxide
lead cyanamidate
Sulfurous acid, lead
salt, dibasic
[phthalato(2-)]dioxotrilead
benzo[a]pyrene
4-aminoazobenzene
dihexyl phthalate
(DnHP)
ethylene thiourea
Halogen-Free
Status
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
[501193](#) Series

Use With
Receptacle Housing [501189](#) , [501330](#) ,
[501939](#)

Application Tooling | [FAQ](#)

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
Extraction Tool	<u>638131700</u>
Hand Crimp Tool	<u>638191500</u>
for 1.00mm Wire-to-Board Crimp Terminal, 28-32 AWG Wire	
FineAdjust Applicator	<u>639019400</u>
for 1.00mm Pitch Wire-to-Board Crimp Terminal	
T2 Terminator Die	<u>639119400</u>
for 1.00mm Pitch Wire-to-Board Crimp Terminal	

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