

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0190060001**  
**Status:** **Active**  
**Overview:** Standard Quick-Disconnect Terminals  
**Description:** Avikrimp Quick Disconnect, for 18-22 AWG Wire, Female Flag, Tab 6.35 x 0.81mm

**Documents:**

[3D Model](#) [Product Specification PS-19902-013-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Product Specification PS-19902-014-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-19902-011-001 \(PDF\)](#)

**Agency Certification**

CSA LR18689  
 UL E79133

**General**

Product Family Quick Disconnects  
 Series [19006](#)  
 Crimp Quality Equipment Yes  
 Insulated Fully  
 Overview [Standard Quick-Disconnect Terminals](#)  
 Product Name Avikrimp  
 Type Quick Disconnect  
 UPC 800753030886

**Physical**

Barrel Type Closed  
 Color - Resin Red  
 Flammability 94V-2  
 Gender Female  
 Glow-Wire Capable Yes  
 Insulation Nylon (PA)  
 Lock to Mating Part None  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 1.377/g  
 Orientation Flag  
 Packaging Type Bag  
 Polarized to Mating Part No  
 Tab Thickness 0.81mm  
 Tab Width 6.35mm  
 Temperature Range - Operating -65° to +105°C  
 Wire Insulation Diameter 3.81mm max.  
 Wire Size AWG 18, 20, 22

**Electrical**

Voltage - Maximum 600V

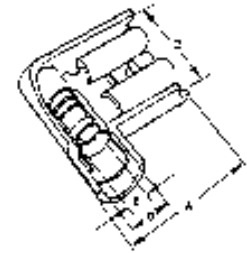
**Solder Process Data**

Lead-free Process Capability N/A

**Material Info**

Engineering Number AA-5220

**Reference - Drawing Numbers**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
 D(2021)4569-DC (8  
 July 2021)  
 Phenol, 2-(2H-  
 benzotriazol-2-yl)-4,6-  
 bis(1,1-dim  
 Ammonium-  
 pentadecafluorooctanoate  
 1,3-Propanesultone  
 4,4'-methylenedi-o-  
 toluidine  
 1,2-diethoxyethane  
 1,2-  
 Benzenedicarboxylic  
 acid, bis(3-  
 methylbutyl)  
 Disodium 3,3'-[[1,1'-  
 Biphenyl]-4,4'-  
 Diylbis(Azo)  
 Octamethylcyclotetrasiloxane  
 Dodecamethylcyclohexasiloxane  
 heptacosafuorotetradecanoic  
 acid  
 Octanoic acid,  
 2,2,3,3,4,4,5,5,6,6,7,7,8,8-  
 pen  
 tricosafuorododecanoic  
 acid  
 Benzo(ghi)perylene  
 Dipentyl phthalate  
 nitrobenzene  
 Imidazolidine-2-thione  
 o-toluidine  
 Dinoseb  
 Phenanthrene  
 Dihexyl-phthalate  
 Dicyclohexyl-  
 phthalate  
 propylene oxide

**China RoHS**

Product Specification

Sales Drawing

PS-19902-011-001, PS-19902-013-001,  
PS-19902-014-001  
5279-21, SD-19006-001-001

N,N-Dimethylformamide  
diethyl sulphate  
4-aminoazobenzene  
1,3,5-tris-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-t  
Perfluorohexane-1-sulphonic acid and its salts  
Cadmium sulphate  
hexahydro-2-benzofuran-1,3-dione  
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated  
Dioctyltin dilaurate, stannane, dioctyl-, bis(co  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o  
Chrysene  
Cadmium nitrate  
Benz[a]anthracene  
Perfluorobutane sulfonic acid (PFBS) and its sal  
Tris(4-nonylphenyl, branched and linear) phosphi  
Nonadecafluorodecanoic acid (PFDA) and its sodiu  
4-Heptylphenol, branched and linear  
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated  
Acids generated from chromium trioxide and their  
Zirconia  
Aluminosilicate  
Refractory Ceramic  
Fibr  
Aluminosilicate  
Refractory Ceramic  
Fibres  
Boric acid  
n-pentyl-isopentylphthalate  
diisohexyl phthalate  
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, Disodium-octaborate

2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)p  
Silicic acid (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>),  
barium salt (1:1),  
lead-  
Lead-dipicrate  
Potassium  
hydroxyoctaoxidizincatedichromate  
bis(2-methoxyethyl)  
ether  
1,2-  
Benzenedicarboxylic  
acid, di-C<sub>6</sub>-8-  
branched a  
1,2,3-  
Trichloropropane  
Strontium-chromate  
2-Ethoxyethyl acetate  
2-Ethoxyethanol  
Boric acid, disodium  
salt, hydrate  
Sodium-chromate  
Acrylamide  
Tris(2-chloroethyl)  
phosphate  
Pitch, coal tar, high-  
temp.  
Lead chromate  
molybdate sulfate red  
Anthracene oil,  
anthracene-low;  
Anthracene Oil F  
Anthracene oil,  
anthracene paste,  
distn. lights;  
Anthracene oil,  
anthracene paste,  
anthracene fra  
Anthracene oil,  
anthracene paste;  
Anthracene Oil  
Anthracene oil;  
Anthracene oil  
Arsenic acid  
(H<sub>3</sub>AsO<sub>4</sub>), lead(2+)  
salt (1:1)  
Bis(tributyltin) oxide  
Alkanes, C<sub>10</sub>-13,  
chloro  
Di-(2-  
ethylhexyl)phthalat  
5-tert-Butyl-2,4,6-  
trinitro-m-xylene  
Cobalt-dichloride  
4,4'-  
diaminodiphenylmethane  
Sulfurous Acid, Lead  
Salt, Dibasic  
Cadmium Hydroxide  
Cyanamide, lead(2+)  
salt (1:1)  
Borate(1-),  
tetrafluoro-, lead (2+)

Lead titanium  
zirconium oxide  
Lead-titanium-trioxide  
Lead oxide sulfate  
(Pb2O(SO4))  
Silicic acid, lead salt  
Lead-dinitrate  
Cadmium-fluoride  
Cadmium  
1,3,5-  
tris(oxiranylmethyl)-1,3,5-  
triazine-2,4,6(  
Lead Oxide  
Trilead bis(carbonate)  
dihydroxide  
Lead(II,IV)-oxide  
Cadmium-sulphide  
Cadmium-oxide  
Diboron-trioxide  
1,2-bis(2-  
methoxyethoxy)ethane  
formamide  
2,2'-dichloro-4,4'-  
methylenedianiline  
phenolphthalein  
Lead-diazide  
1,2-  
Benzenedicarboxylic  
acid, bis(2-  
methoxyethyl  
Pentazinc-chromate-  
octahydroxide  
Trilead-diarsenate

**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**

[19006 Series](#)

**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 #
PremiumGrade Hand Crimp Tool for Avikrimp Fully Pre-Insulated and Insulated Quick Disconnect Flags, 14-22 AWG	<a href="#">640014300</a>
Crimp Head for the AT-200 Pneumatic Hand Tool	<a href="#">640054300</a>

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