

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0190020019**
Status: **Active**
Overview: Standard Quick-Disconnect Terminals
Description: Avikrimp Fully Insulated Quick Disconnect, Female, for 18-22 AWG Wire, Box

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

UL E79133

General

Product Family Quick Disconnects
 Series 19002
 Crimp Quality Equipment Yes
 Insulated Fully
 Overview Standard Quick-Disconnect Terminals
 Product Name Avikrimp
 Taxonomy Quick Disconnects
 Type Quick Disconnect
 UPC 800753027206

Physical

Barrel Type Closed
 Color - Resin Red
 Flammability 94V-2
 Gender Female
 Glow-Wire Capable No
 Insulation Nylon (PA)
 Lock to Mating Part None
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Net Weight 0.871/g
 Orientation Straight
 Packaging Type Bag
 Polarized to Mating Part No
 Tab Thickness 0.51mm
 Tab Width 5.21mm
 Temperature Range - Operating -65° to +105°C
 Wire Insulation Diameter 3.17mm max.
 Wire Size AWG 18, 20, 22

Electrical

Voltage - Maximum 300V

Solder Process Data

Lead-free Process Capability N/A

Material Info

Engineering Number AA-5283

Reference - Drawing Numbers

Product Specification PS-19902-011-001, PS-19902-013-001,
 PS-19902-014-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2022)4187-DC (10
 June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

19002 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 640010800

Hand Crimp Tool
 for Avikrimp Female
 Full Insulated

Quick Disconnect
 Terminals, for 18-22
 AWG with Insulation
 Diameter no greater
 than 3.175mm MAX

Crimp Head for the 640050800
 AT-200 Pneumatic
 Hand Tool

This document was generated on 10/18/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION