

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0191310045](#)
Status: **Active**
Description: InsulKrimp™ Block Spade Tongue Terminal for 18 to 22 AWG Wire, Stud Size 4, Length 18.47mm (.727")

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-19902-009 \(PDF\)](#)

Agency Certification

CSA LR18689
 UL E32244

General

Product Family Ring and Spade Terminals
 Series [19131](#)
 Crimp Quality Equipment Yes
 Mil-Spec N/A
 Product Name InsulKrimp™
 Type Spade Block

Physical

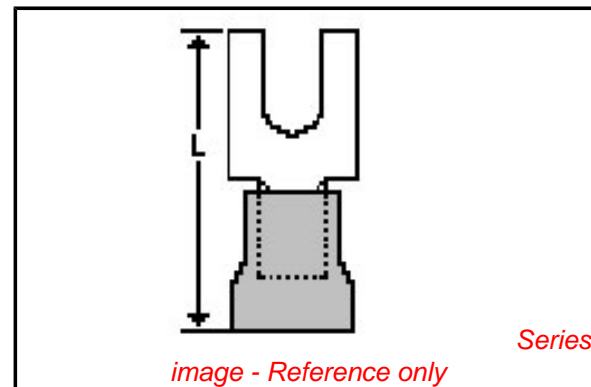
Barrel Type Closed
 Color - Resin Natural
 Flammability 94V-2
 Insulation PVC
 Material - Plating Mating Tin
 Packaging Type Bag
 Plating min: Mating (µin) 100
 Plating min: Mating (µm) 2.5
 Plating min: Termination (µin) 100
 Plating min: Termination (µm) 2.5
 Stud Size 3-4 (M2.6)
 Termination Interface: Style Crimp or Compression
 Wire Insulation Diameter 3.70mm (.145") max.
 Wire Size AWG 18, 20, 22
 Wire Size mm² 0.35 - 0.80

Material Info

Old Part Number AA-2109-04X

Reference - Drawing Numbers

Product Specification PS-19902-009
 Sales Drawing AACD20302



EU RoHS

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[19131Series](#)

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 #
Hand Crimp Tool	0640010100
Hand Crimp Tool	0640010300
Hand Crimp Tool	0640011200
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050100
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050300
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640051200

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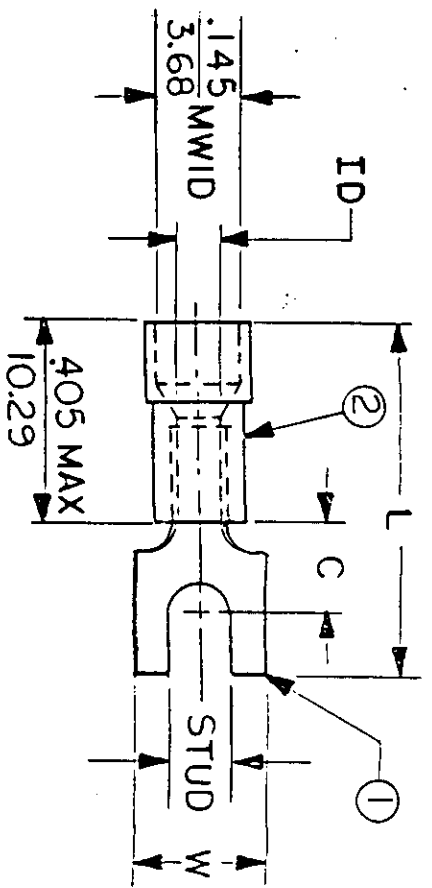
NOTES:

- ① MAT'L: COPPER
- PLATING: ELECTRO-TIN (.0003 MIN.)
- ② INSULATION: MOLDED PVC (RED)

STUD SIZES: ($\pm .005$)

- 02 = .094
- 04 = .119
- 06 = .146
- 08 = .173
- 10 = .198
- 14 = .265
- 56 = .328
- 38 = .390

"UL" LISTING #E32244
 "CSA" LISTING #18689



ALL DIMENSIONS = INCHES
 MM

MWID = MAXIMUM WIRE
 INSULATION DIAMETER
 WIRE SIZE: 22 - 18 AWG
 .25 - 1.5 MM²

PART NUMBER	"W" ±.010	"C" MIN.	"L" MAX.	"ID" MIN.	AVAILABLE STUD SIZES	STOCK THICKNESS
AA-2109-	$\frac{.187}{4.75}$	$\frac{.183}{4.65}$	$\frac{.727}{18.47}$	$\frac{.054}{1.37}$	02X, 04X	$\frac{.031^{\pm .001}}{.79}$
AA-2118-	$\frac{.250}{6.35}$	$\frac{.320}{8.13}$	$\frac{.895}{22.73}$	$\frac{.062}{1.57}$	04X, 06X, 08X	$\frac{.028^{\pm .000}}{.71}$
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED REFERENCE SCALE: NTS DATE: 11.2.84 DRAWN BY: JJ CHKD. BY: GZ APPRD. BY:						
TITLE: SPADE TONGUE TERMINAL INSULKRIMP 200 SERIES DWG. NO. A CUSTOMER DWG.						

