

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

**Part Number:** **0191390003**  
**Status:** **Active**  
**Description:** Avikrimp™ Block Spade Terminal for 18-22 AWG Wire

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR18689  
 UL E32244

**General**

Product Family Ring and Spade Terminals  
 Series 19139  
 Crimp Quality Equipment Yes  
 Mil-Spec N/A  
 Product Name Avikrimp™  
 Type Spade Block

**Physical**

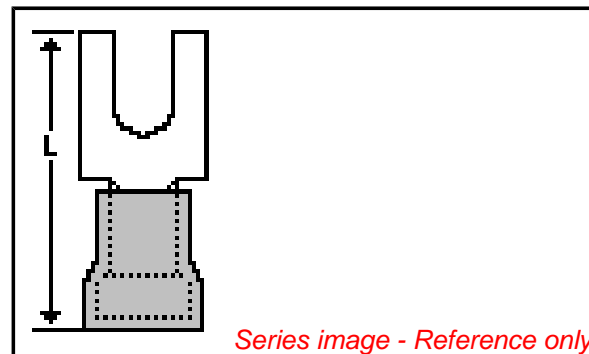
Barrel Type Closed  
 Flammability 94V-0  
 Insulation Nylon (PA)  
 Material - Plating Mating Tin  
 Packaging Type Bag  
 Plating min: Mating (µin) 100  
 Plating min: Mating (µm) 2.5  
 Plating min: Termination (µin) 100  
 Plating min: Termination (µm) 2.5  
 Stud Size 3-4 (M2.6)  
 Termination Interface: Style Crimp or Compression  
 Wire Insulation Diameter 3.60mm (.142") max.  
 Wire Size AWG 18, 20, 22  
 Wire Size mm² 0.35 - 0.80

**Material Info**

Old Part Number AA-8109-04

**Reference - Drawing Numbers**

Sales Drawing AACD80302



**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](mailto: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**

[19139Series](#)

**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**

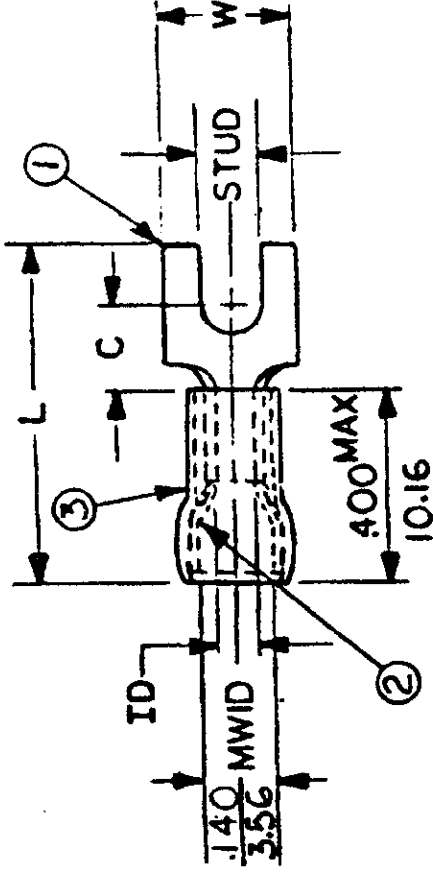
Description	Product #
Hand Crimp Tool	<a href="#">0640010100</a>
Hand Crimp Tool	<a href="#">0640011200</a>
Crimp Head for the AT-200™ Pneumatic Hand Tool	<a href="#">0640050100</a>
Crimp Head for the AT-200™ Pneumatic Hand Tool	<a href="#">0640051200</a>

**NOTES:**

- ① MAT'L: COPPER
- ② PLATING: ELECTRO TIN (.0003 MIN)
- ③ TIN-PLATED BRASS FUNNEL FERRULE
- ④ NYLON INSULATION (COLOR CODED RED)

**STUD SIZES: (.005)**

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



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

WIRE SIZE: 22-18 AWG<sup>2</sup>  
 .25 - 1.5 MM<sup>2</sup>

ALL DIMENSIONS =  $\frac{\text{INCHES}}{\text{MM}}$

(MWID) = DENOTES MAXIMUM WIRE INSULATION DIAMETER

PART NUMBER	"W"		"C"		"L"		"ID"		AVAILABLE STUD SIZES	STOCK THICKNESS
	±.010		MIN.	MAX.	MAX.	MIN.	MIN.			
AA-8109 -	$\frac{.187}{4.75}$		$\frac{.183}{4.65}$	$\frac{.727}{18.47}$	$\frac{.054}{1.37}$				02, 04	$\frac{.031 \pm .001}{.79}$

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED		REFERENCE	SCALE: NTS	DATE	TITLE:	
FRAC.	DEC.	ANG.	DRWN. BY: JJ	11-8-84	SPADE TONGUE TERMINAL	
±	±	±	CHKD. BY: GZ	11-14-84	AVIKRIMP 800-SERIES	
±	±	±	APPRD. BY:		EIC <sup>molex</sup> INCORPORATED	
					DWG. NO. A	CUSTOMER DWG