

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

**Part Number:** [0190990007](#)  
**Status:** **Active**  
**Description:** InsulKrimp™ Snap Spade Terminal for 18-22 AWG Wire

**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 [19099](#)  
 Crimp Quality Equipment Yes  
 Mil-Spec N/A  
 Product Name InsulKrimp™  
 Type Spade Snap

**Physical**

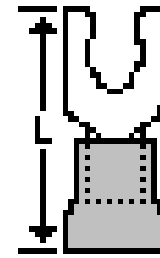
Barrel Type Closed  
 Color - Resin Natural  
 Flammability 94V-2  
 Insulation PVC  
 Material - Plating Mating Tin  
 Packaging Type Bag  
 Stud Size 5 (M3)  
 Wire Insulation Diameter 4.40mm (.175") max.  
 Wire Size AWG 18, 20, 22  
 Wire Size mm² 0.35 - 0.80

**Material Info**

Old Part Number AA-2704-05X

**Reference - Drawing Numbers**

Product Specification PS-19902-009  
 Sales Drawing AACD20502



*Series  
image - Reference only*

**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**

[19099Series](#)

**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="#">0640010300</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="#">0640050300</a>
Crimp Head for the AT-200™ Pneumatic Hand Tool	<a href="#">0640051200</a>

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NOTES:  $\pm .005$

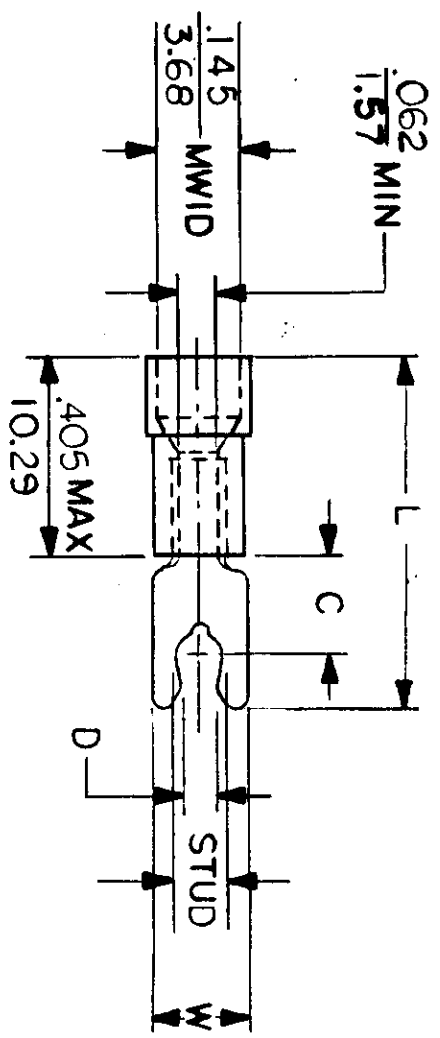
- ① MAT'L: COPPER (STOCK TKN.  $\frac{.028}{71}$ )
- PLATING: ELECTRO-TIN (.0003 MIN.)
- ② INSULATION: MOLDED PVC (RED)

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



MWID = MAXIMUM WIRE  
 INSULATION DIAMETER  
 WIRE SIZE: 22 - 18 AWG  
 WIRE SIZE: .25 - 1.5 MM<sup>2</sup>

FILE NO. AA-CD-205-02

PART NUMBER	"W" $\pm .010$	"C" MIN.	"L" MAX.	"D" $\pm .005$	AVAILABLE STUD SIZES	DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED		REFERENCE		SCALE: NTS		DATE	TITLE:	DWG. NO.	CUSTOMER DWG.
						FRAC.	DEC.	ANG.	DRWN. BY:	CHKD. BY:	APPRD. BY:				
AA-2704-	$\frac{.250}{6.35}$	$\frac{.230}{5.82}$	$\frac{.810}{20.57}$	$\frac{.105}{2.67}$	05X ( $\frac{127^{+.005}}{3.25}$ )				JJ	GZ		11.5.84	SNAP SPADE TONGUE TERMINAL	A	
AA-2704-	$\frac{.250}{6.35}$	$\frac{.230}{5.82}$	$\frac{.810}{20.57}$	$\frac{.114}{2.90}$	06X								INSULKRIMP		
AA-2705-	$\frac{.375}{9.53}$	$\frac{.261}{6.63}$	$\frac{.871}{22.12}$	$\frac{.139}{3.53}$	08X								200 SERIES		
AA-2706-	$\frac{.406}{10.31}$	$\frac{.261}{6.63}$	$\frac{.919}{23.34}$	$\frac{.156}{3.96}$	10X										

