

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0190020009](#)
Status: **Active**
Description: Avikrimp™ Fully Insulated Quick Disconnect, Female, for 18-22 AWG Wire, Box

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

Agency Certification

CSA	LR18689
UL	E79133

General

Product Family	Quick Disconnects
Series	19002
Crimp Quality Equipment	Yes
Product Name	Avikrimp™
Type	Quick Disconnect

Physical

Barrel Type	Closed
Flammability	94V-2
Gender	Female
Glow-Wire Compliant	No
Insulation	Nylon (PA)
Lock to Mating Part	None
Material - Metal	Brass
Orientation	Straight
Packaging Type	Bag
Polarized to Mating Part	No
Tab Thickness	0.81mm (.032")
Tab Width	4.75mm (.187")
Temperature Range - Operating	-65°C to +105°C
Wire Insulation Diameter	3.17mm (.125") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.35 - 0.80

Electrical

Voltage - Maximum	300V
-------------------	------

Material Info

Old Part Number	AA-5271
-----------------	---------

Reference - Drawing Numbers

Sales Drawing	SD-19002-003
---------------	--------------

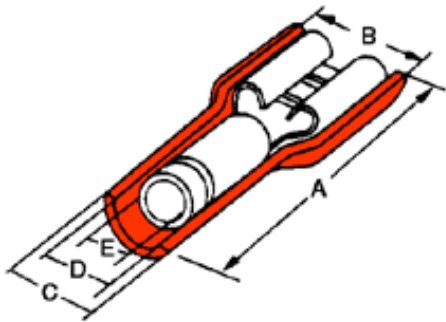


image - Reference only

Series

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

[19002Series](#)

Application Tooling | FAQ

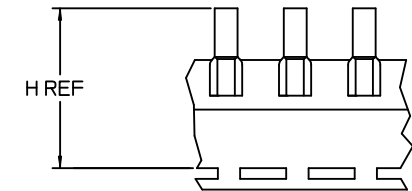
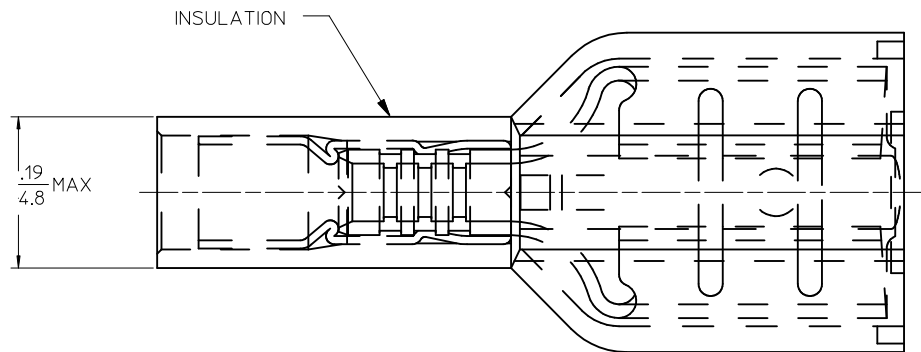
*Tooling specifications and manuals are
found by selecting the products below.
Crimp Height Specifications are then
contained in the Application Tooling
Specification document.*

Global

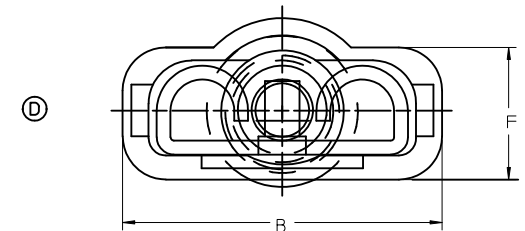
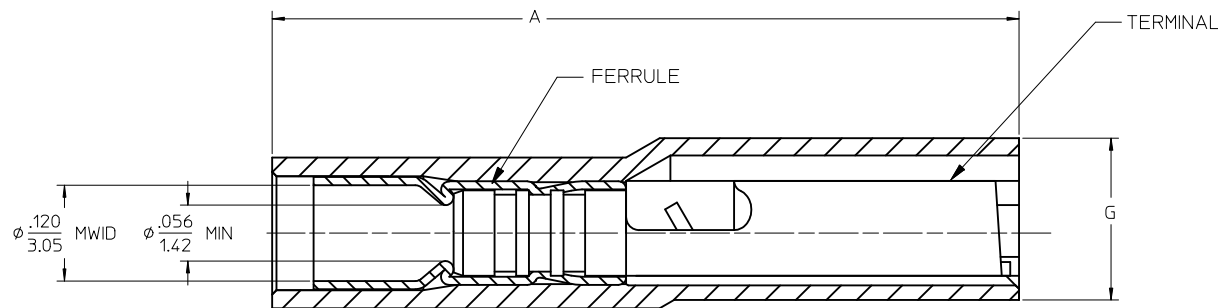
Description	Product #
Hand Crimp Tool	0640010800
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050800

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

13		12		11		10		9		8		7		6		5		4		3		2		1	
MATERIAL NUMBER LOOSE PCS	ENGINEERING NUMBER LOOSE PCS	MATERIAL NUMBER ON STRIP	ENGINEERING NUMBER ON STRIP	MATERIAL NUMBER ON TAPE	ENGINEERING NUMBER ON TAPE	MATERIAL NUMBER REV WOUND ON TAPE	ENGINEERING NUMBER REV WOUND ON TAPE	MATERIAL NUMBER ON TAPE BIG REEL	ENGINEERING NUMBER ON TAPE BIG REEL	ACCEPTS TAB SIZE	STOCK THK	"A" MAX	"B" MAX	"F" REF	"G" MAX	"H" REF									
190020001	AA-5261	190020004	AA-5261Z	190020002	AA-5261T	190020003	AA-5261TR	190020047	AA-5261BT	.250 X .032	.016/0.41	.89/22.6	.38/9.7	.16/4.1	.20/5.1	1.425/36.20									
190020019	AA-5283	190020059	AA-5283Z	190020020	AA-5283T	190020058	AA-5283TR			.205 X .020	.016/0.41	.80/20.3	.32/8.1	.16/4.1	.22/5.6	1.395/35.43									
190020021	AA-5285	190020023	AA-5285Z	190020022	AA-5285T	190020060	AA-5285TR			.205 X .032	.016/0.41	.80/20.3	.32/8.1	.16/4.1	.22/5.6	1.395/35.43									
190020005	AA-5267	190020008	AA-5267Z	190020007	AA-5267T			190020006	AA-5267BT	.187 X .020	.016/0.41	.80/20.3	.32/8.1	.16/4.1	.22/5.6	1.380/35.10									
190020009	AA-5271	190020012	AA-5271Z	190020010	AA-5271T	190020011	AA-5271TR			.187 X .032	.016/0.41	.80/20.3	.32/8.1	.16/4.1	.22/5.6	1.380/35.10									
190020013	AA-5275	190020015	AA-5275Z	190020014	AA-5275T					.110 X .020	.012/0.31	.80/20.3	.23/5.8	.13/3.3	.20/5.1	1.380/35.05									
190020016	AA-5279	190020018	AA-5279Z	190020017	AA-5279T	190020065	AA-5279TR			.110 X .032	.012/0.31	.80/20.3	.23/5.8	.13/3.3	.20/5.1	1.380/35.05									



PARTS ON TAPE



TERMINAL IS NOT SECTIONED FOR CLARITY

SALES DRAWING

NOTES:

- MATERIAL: TERMINAL BRASS
TERMINAL PLATING: ELECTRO TIN
FERRULE: COPPER ALLOY
FERRULE PLATING: ELECTRO TIN
INSULATION: NYLON 94V2 COLOR RED.
- MWD = MAXIMUM WIRE INSULATION DIAMETER
- PARTS ARE ROHS COMPLIANT.

FERRULE MAT'L DESCR EC NO: WNA2009-0510 DRAWN:ETHRODAHL 2010/01/04 CHKD:JMACNEIL 2010/01/05 APPR:JMACNEIL 2010/01/05	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION 			
				mm	INCH	DRAWN BY BENDERLE	DATE 2005/03/28	TITLE AVIKRIMP FEMALE FIQD 22-18 AWG				
			4 PLACES	± ---	± ---	CHECKED BY R DEROSS	DATE 2005/03/28					
			3 PLACES	± ---	± .005	APPROVED BY R DEROSS		DATE 2005/03/28	MOLEX INCORPORATED			
			2 PLACES	± 0.13	± .01							
			1 PLACE	± 0.25	± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-19002-003		SHEET NO. 1 OF 1		
			ANGULAR		± ---°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				