

Order Number
19047-2250

Application Tooling Specification

SCOPE

Tooling: ATP Tooling Kits used with Molex ATP-201 Air Tape Press (19047-0001). Refer to the appropriate tool instruction manual for installation and operation information.

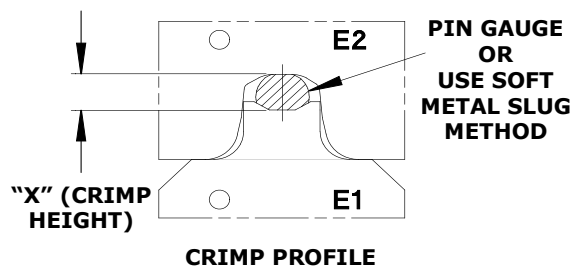
Products: Insulated Butt-Splice Terminals, 6 AWG.

Testing: Mechanical

The tensile test or pull test is a means of evaluating the mechanical properties of the crimped connections. The following charts show the UL Specifications for various wire sizes. The tensile strength is shown in pounds and indicates the minimum acceptable force to break or separate terminal from the conductor.

Color Code	Wire Size (AWG)	*UL486 A
Blue	6	100

*UL486 A: Terminals (Copper Conductors only)



Use gauge pins or soft metal slug (solder) method to measure the "X" dimension. Verify tooling crimp height calibration by referring to the Go/No-Go dimensions shown in the chart below.

Note: Molex does not sell gauge pins. Contact your local industrial supplier.

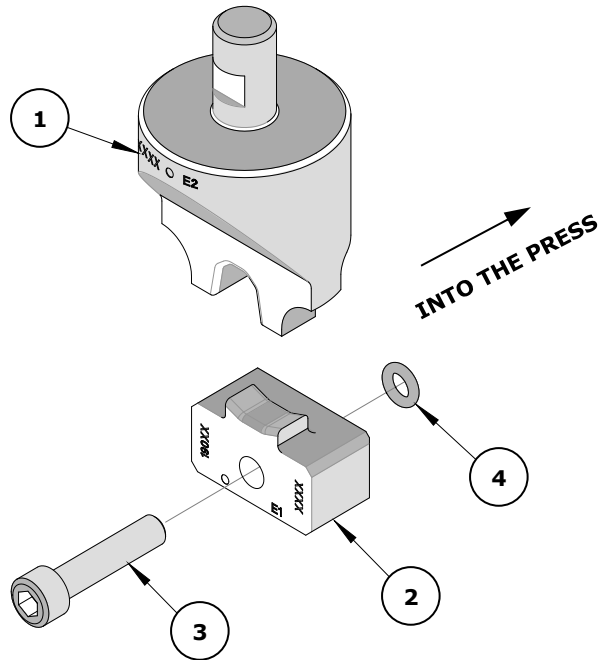
Wire Range		"X" Dimension Conductor Crimp						Crimp Inspection Marking
AWG	mm ²	Mean		Go		No-Go		
		In.	mm	In.	mm	In.	mm	
6	10.50-16.80	.251	6.38	.248	6.31	.254	6.44	6

Wire Size: 6 AWG					
Terminal No.	Terminal Eng No. (REF)	Wire Strip Length		Insulation Diameter Max.	
		In.	mm	In.	mm
19154-0411	E-662XT	.500	12.70	.440	11.18

PARTS LIST

Item	Order No.	Engineering No.	Description	Quantity
	19047-2250	19047-2250	ATP-201 Tooling Kit	REF
1	19047-2251	19047-2251	Conductor Punch	1
2	19047-2252	19047-2252	Conductor Anvil	1
3	—	—	#10-32 by 1-1/4" Lg. SHCS	1*
4	—	—	O-ring 1/16 W. by 9/32" O.D.	1*

*Available from an industrial supply company.



Application Tooling Support

Phone: (402) 458-TOOL (8665)
E-Mail: applicationtooling@molex.com
Website: www.molex.com/applicationtooling

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