Waldom

Crimping Tool

Wire Ranges #30 through #18

- For crimping Molex .062" and .093" pin diameter terminals for nylon pin and socket connectors
- Mini KK crimp terminals for .100" center KK housings
- Standard KK crimp terminals for .156" center KK housings
- 4 Tools in 1: Crimper, Wire Cutter, Wire Stripper and Bolt Cutter

Prototype Hand Tool No. W-HT-1921 crimps the following:
.062" and .093" PIN DIAMETER TERMINALS

Pkg. No.	Wire Range	Eng. Part No.	Bulk Part. No.
1855-54 (.062")	# 30 thru	1854 Male	02-06-2132
	# 24	1855 Female	02-06-1132
1561-60 (.062")	# 24 thru	1560 Male	02-06-2103
	# 18	1561 Female	02-06-1103
1433-34 (.093")	# 30 thru	1434 Male	02-09-1144
	# 24	1433 Female	02-09-2143

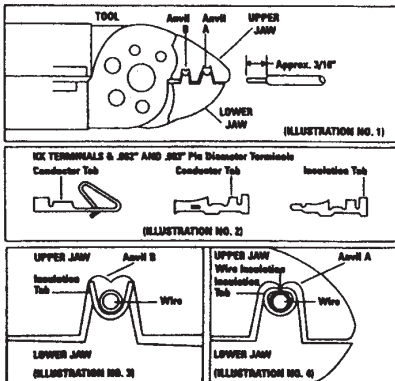Mini KK Crimp Terminals for .100" (2.54mm) Center KK Housings

Pkg. No.	Wire Range	Eng. Part No.	Bulk Part. No.
WMLX-106	# 22 thru # 30	2759	08-50-0114

Standard KK Crimp Terminals for .156" (3.96mm) Center KK Housings

Pkg. No.	Wire Range	Eng. Part No.	Bulk Part. No.
WMLX-214	# 22 thru # 26	2578	08-50-0108

CRIMPING INSTRUCTIONS:

1. Strip wire approximately 3/16" (as shown in Illustration No. 1). Insert in proper stripping die, rotate tool one half turn, and pull insulation off wire.

2. Leaving wire aside for the moment, with tool fully open (engraved side toward you) bring a terminal into position from the unmarked side of the tool. Place the conductor tabs (inner set as shown in Illustration No. 2) on the "B" anvil (slightly curved surface) so that the circular portion of the tabs rest in the curved surface of the anvil and the two tabs face up into the walls of the female jaw.

3. Close tool very slightly only to the point of holding the terminal in position.

4. Insert wire into terminal until wire insulation is stopped by conductor tabs. Crimp by squeezing handles until jaws are fully closed or sufficient crimp is made. DO NOT REMOVE FROM TOOL. (Illustration No. 3)

5. Move terminal and conductor forward so that insulation tabs (Outer Set, see Illustration No. 2) are properly positioned in the center of anvil "A" (Illustration No. 4). Crimp again until jaws are closed or sufficient crimp is made.

6. If necessary, straighten terminal while still being held in jaw. the wire lead, with its properly crimped terminal, is now ready to be inserted and locked into the nylon connector housing. When correctly inserted, a "click" can be felt (and even heard), indicating that the locking ears have been set. There is no necessity to pull back on the lead itself except to test the locking feature, and then only with moderate pull.

7. If there is an insertion error or if a circuit change is needed, you will need an extractor tool to remove terminals. For .062" terminals, use **W-HT-2285** or **W-HT-2023**. For .093" terminals, use **W-HT-2038** or **W-HT-2054**. For all KK terminals, use **W-HT-1884**. Tools are available from your WALDOM DISTRIBUTOR.

Molex Nylon Connectors are available in a MINIATURE SERIES (.062" pin diameter) from 1 to 36 circuits (up to 5 Amps) and STANDARD SERIES (.093" pin diameter) from 1 to 15 circuits (up to 12 Amps). Molex .100" (2.54mm Center KK Inter Connectors are available from 1 to 28 circuits (2.5 Amps). Molex .156" (3.96mm) Center KK Inter Connectors are available from 2 to 24 circuits (7 Amps). Ask your Waldom Distributor.

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