578016-5300 STRAIGHT-ACTION HAND CRIMP TOOL PRODUCT SPECIFICATION

1. Description

This tool is a straight-action hand crimp tool (short-handle type), which is designed for crimp-connecting a wire to crimp a terminal of Molex.

Please take the time to read attached the operating manual (IS-0117) of Hand Crimp Tool, making sure you understand the crimping procedures and management method described it before attempting to operate this hand tool.

2. Specifications

1) **Tool name:**   578016-5300 Straight-Action Hand Crimp Tool (Short-Handle)

2) **Tool number:**   578016-5300

3) **Outer dimensions and weight:**   220 (width) × 70 (depth) × 15 (thickness) mm, Approx. 400gf

4) **Management method:**   Crimp height and crimp strength

5) **Applicable terminal and crimp specifications: 1.0mm Pitch Wire-to-Board Receptacle Connector**

Crimp position	Terminal number	Wire size (AWG)	Insulation diameter (mm)	Crimp height (mm)	Ins. crimp height (mm)	Crimp strength (kgf)
A part	501193	#30	0.5-0.8	0.40-0.44	0.9+/-0.05	0.5 MIN.
		#32	0.4-0.7	0.39-0.43	0.9+/-0.05	0.3 MIN.
B part	501193	#28	0.5-0.8	0.44-0.48	0.95+/-0.05	1.0 MIN.
Extrude wire length		0.1-0.5	Wire strip length (mm)		1.0-1.3	

"Note" The above-mentioned crimp specification is applied only to this tool. (The insulation crimp height is a reference value)

3. Tool Appearance

578016-5300

Applicable Terminal

501193

1.0mm Pitch Wire-to-Board Receptacle