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57889-5000 1.0mm PITCH I/O 128P(B) IDT TOOL PRODUCT SPECIFICATION

ATP-57889-5000E
 2005/06/28, Rev.- C
 Molex Japan Co., Ltd.

1. Description

This tool is a manual IDT (termination) tool that is used to terminate the wire arranged upper cover (B) to a plug sub-assembly in the 1.0mm pitch 128P I/O cable assembly process of Molex. Another 120P(A) termination tool is also necessary for the termination of 128P connector. After the upper cover that has been arranged the wire is pre-locked to the plug sub-assembly, it terminates with this tool.

2. Specifications

- 1) Tool name: 1.0 I/O 128P(B) IDT Tool
- 2) Tool number: 57889-5000
- 3) Applicable connector: Molex 1.0 I/O 128P connector
 55302-1281: Plug Assembly Kit (Plug + Upper cover)
- 4) Applicable cable: UL2552 AWG#30 Polyethylene foam shielded cable with 4 wires, Insulation outer diameter = $\phi 0.80\text{mm}$, Cable outer diameter = $\phi 2.5\text{mm}$
- 5) Termination method: The termination method is that bumps the platen to the set guide on the tool base with a toggle system hand press.
- 6) Productivity (reference): Approx. 40 seconds per B-side (Excluding any cable processing)
- 7) Outer dimensions and weight: 180 (width) x 380 (depth) x 440 (height) mm, Approx. 16kgf

3. Tool Appearance

