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57824-5000 FP50 IDT (TERMINATION) TOOL **PRODUCT SPECIFICATION**

ATP-57824-5000E
2005/04/20, 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 housing to a receptacle sub-assembly in the FP50 I/O cable assembly process of Molex. The wire arranged upper housing is pre-locked to a receptacle sub-assembly and it is fixed to the tool table, and the depressing of the tool handle carries out the termination.

2. Specifications

- 1) Machine name: FP50 IDT (termination) Tool
- 2) Machine number: 57824-5000
- 3) Applicable connector: Molex FP50 connector (20-circuit)
52621-2011: FP50 Receptacle sub-assembly
52620-1011: FP50 Upper housing
- 4) Applicable cable: UL20276, #28 AWG Multi-pair braid shield cable, Insulation outer diameter = $\phi 0.58\text{mm}$, Cable outer diameter = $\phi 6.8\text{mm}$
- 5) IDT (termination) method: Termination method that bumps the platen to the set guide on a tool base with a toggle type hand press.
- 6) Outer dimensions and weight: 180 (width) x 380 (depth) x 440 (height) mm, Approx. 16kgf

3. Tool Appearance

