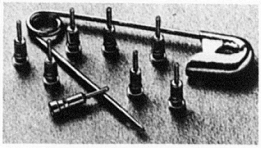
Combo jack/pin accepts 0.018-in. pins or IC leads

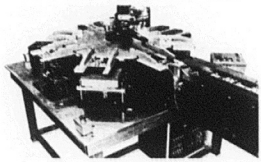


A combination jack and pin, Part No. 450-0028, accepts 0.018-in. pins or rectangular IC leads. The jack uses four, beryllium-copper contact leaves with 30 μin. of gold plating. The machined brass body comes with gold or tin plating. The solder-tab portion is 0.02-in. in diameter. After mounting the contract in a PC board, any device can be firmly held. When pressed into a 0.055-in. hole on a 0.125-in. board, the contact provides an extra low profile. Overall contact length is 0.29 in.; body diameter, 0.053 in.

Cambridge Thermionic, 445 Concord Ave., Cambridge, MA 02238. (617) 491-5400.

CIRCLE NO. 330

Automated board tester runs at production rate

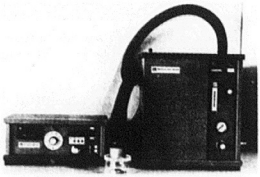


An automatic PC-board tester, Model 4400, handle and tests boards at high production speeds. Up to 50 boards per minute, or approximately 24,000 boards each 8-h shift, can be checked, depending on test time and various other factors. Unlike earlier models, the Model 4400 moves boards from a feed conveyor through its test cycle on a rotary indexed multi-station table. Computerized testing, supplied by the manufacturer or through an interface adaptor to the user's computer/tester, is possible. Other options allow configuration of the board tester for various test requirements, such as bare board, stuffed board, continuity, high-voltage leakage, functional, incoming pass-fail, automatic component adjust, accept/reject print, etc.

Electro-Mechanical Laboratories, 2 Oakwood Ave., Norwalk, CT 06850. (203) 847-0900.

CIRCLE NO. 331

Air jet cycles parts for temperature tests



A table-top system, the Air-Jet, provides a method of controlling the temperature of individual chips, boards and hybrids while they are being actively tested by automated test equipment. A stream of temperature-controlled air can by cycled from −60 to +150 C in less than 30 s, permitting rapid temperature change of components. A 40-pin plastic DIP, for example, can achieve a set temperature in less than 60 s with a control accuracy of ±0.5 C. A nozzle is located at the tip of an insulated flexible hose for convenient placement of a component at a remote location. A variety of replaceable shrouds are available to enclose all component configurations. An air or gas source is required.

FTS Systems, P.O. Box 158, Rt. 209, Stone Ridge, NY 12484. (914) 687-7664.

CIRCLE NO. 332