



Cure for circuitry headaches

Solve your critical circuitry problems with two extraordinary new miniaturized ceramic capacitors — the product of Nytronics research and development in the continuing pursuit of excellence.

New NYT-CHIP, an ultra-stable chip capacitor, has such advantages as superior packaging flexibility and mounting versatility, particularly for outboard mounting on integrated, thick and thin film circuitry. Dimensions, with tinned terminals, 0.170" x 0.065" x 0.070", with capacitance range of 4.7 pf through 220 pf, and 0.280" x 0.195" x 0.070" for 270 pf to 4700 pf.

NYT-CAP, an ultra high stability ceramic capacitor series is packaged in a miniature molded epoxy tubular package 0.1" diameter by 0.250" in length, with capacitance range of 4.7 pf to 220 pf. The remainder of series in miniature, molded epoxy case 0.350" long by 0.250" wide by 0.1", with a range of 270 pf to 4700 pf.

Both NYT-CHIP and NYT-CAP have a temperature coefficient that does not exceed ± 40 ppm/ $^{\circ}\text{C}$ over temperature range of -55°C to $+125^{\circ}\text{C}$, and working voltages of 200 D.C.

As a pioneer in the concept of standardization, Nytronics maintains large volume inventories of these two products, as well as of many other standardized high quality components: inductors, delay lines, and resistors. Write for complete engineering data.



NYTRONICS®

...for Precision Electronic Components

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CIRCLE NO. 34 ON INQUIRY CARD

NEW PRODUCTS

ELECTRONIC KEYBOARD

An electronic keyboard system features a solid-state encoder, actuated by a set of keyboard switches which are similar in feel and travel to electric typewriter keys. For each key pressed, the encoder generates a corresponding code for entry into a computer, tape punch, information retrieval system, or other data handling or display system. All switch action occurs on the downstroke, allowing faster typing speeds. The encoder can easily be adapted to virtually any application which requires digital encoding of alphabetic, numeric, or other characters. The keyboard system will accommodate any code up to eight levels. Transistor Electronics Corp., Minneapolis, Minn.

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AUTOMATIC DRAFTING MACHINES

New automatic drafting machine systems work off-line with a computer or can be manually programmed. The Mark II Model 1215 offers speeds of 200-400 imp and accuracy of $\pm 0.002''$ to $\pm 0.004''$, using a standard 4' x 5' drafting table. A special table gives 0.001" accuracy at speeds of 100-260 imp. Optional equipment includes a magnetic tape input unit, photo exposure head designed for use in the production of integrated circuits; a 90-symbol printing head and revolving turret allowing 6 pens to be indexed and controlled by control units; an integrated digitizer unit allowing both digitizing and drawing; and a vacuum chuck arrangement to hold paper on table surface. Storage capacity is 1048", using tape code 8 channel punched tape, 300 character reading per second. Automatic and semi-automatic operation is provided for with reverse movement of direction, error detection, and coordinate switching. Baldwin Kongsberg Co., Cincinnati, Ohio.

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