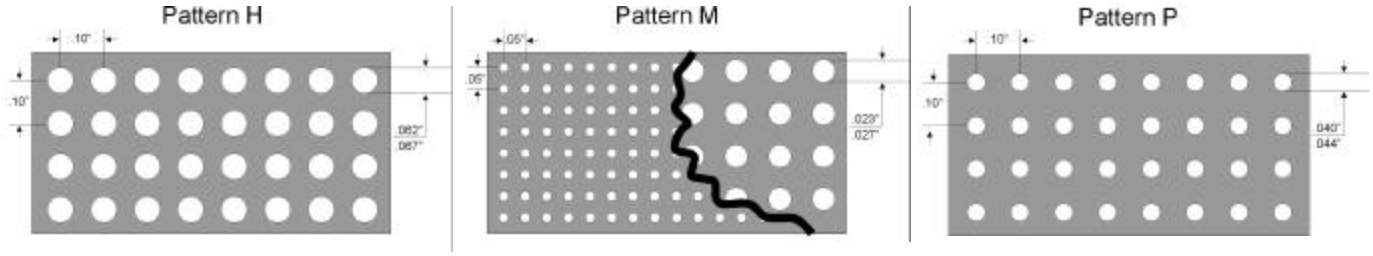
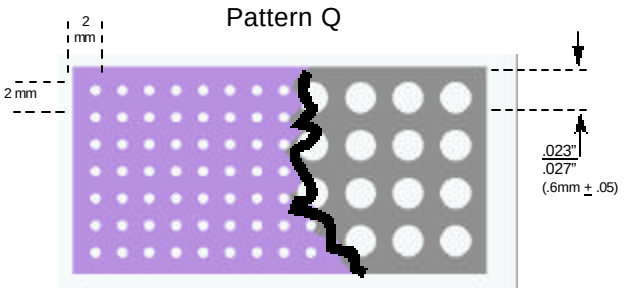
GENERAL PURPOSE VECTORBORD® APPLICATION NOTES





Patterns

Vectorbord is available in the standard grid patterns shown above. Every pattern is available in .062" thick panels. Pattern H is supplied only in .062" Epoxy glass since most other materials crack at such close hole spacing.

COPPER CLAD VECTORBORD®

Prototypes may be quickly made by applying thin masking tapes where copper lines are desired. Special marking pens or a resist may also be used to outline the circuit before etching. Since the holes are ready-made, the circuit may be assembled quickly after the etching process. Holes are not plated through. Standard eyelets and terminals may be readily installed without fracturing the board. For round pads use P116 or P138 Series pad cutters to isolate.

Applications

Vectorbord Pre-Punched Insulating Board provides convenient and economical panels for assembling circuit components in either production or experimental units. The holes accommodate a variety of standard turned terminals as well as push-in terminals. #2 self-tap in the .062" diameter holes. The boards may be broken off as desired along the hole lines when it is inconvenient to saw. Pattern G is especially useful for sub-miniature circuitry using transistors and small diodes. The holes on alternate intersections of a standard 0.1" grid make it possible to mount most "top hat" types of transistors, base down, by passing the leads directly through the holes which are in alignment with the leads.

PUSH-IN TERMINALS

For the small .062" hole Vector T28 Push-In Terminals are popular for experimenting and production. (See figure)

T28 Terminal

Pattern	DIMENSIONS			
	A	B	C	D
G	0.062 to 0.067	0.1	0.20	.0.20
M			.05	.025
P			.100	.042
Q			2mm	.025

SPECIAL SIZES & PATTERNS of Vectorbord

not listed on reverse side can usually be cut to order from larger sheets (moderate set-up charge). When ordering cut boards customers should allow standard borders and tolerances of .093" to 0.125". Allow tolerance of + .007" per inch of total length or width for overall dimensions. With patterns H, a "smooth edge" cannot be obtained in cutting boards from larger ones because of the closeness of holes. The cut edges will normally pass through the center line of one row of holes producing a "scalloped" edge.

SPECIAL DRILLED PANELS

can be made at low cost on production type drilling machines where the punched types described are not suitable. Use of Vectorbord for prototypes, followed later by Vector production drilled boards (etched if desired) with only the desired holes present, can be highly efficient and economical. Quotations on request.

LAYOUT PAPER is available for most of the hole patterns. With this the circuit may be planned in advance and when laid over the board facilitates placement of components.

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