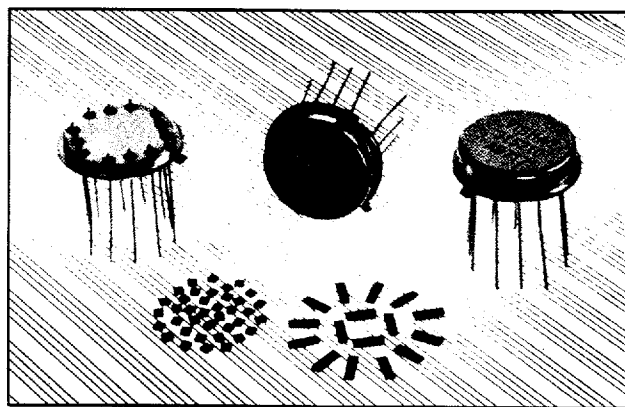


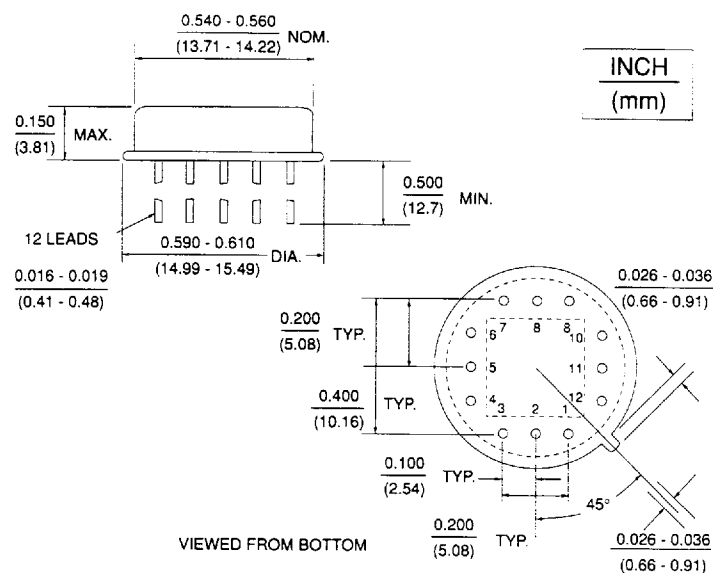
12 Pin TO-8 Package

VISHAY Resistive Systems Group . . . a VISHAY Company ♦ 63 Lincoln Highway, Malvern, PA 19355 ♦ (215) 644-1300

T-62-05
VISHAY**VISHAY Model 1421**
12 Pin TO-8 Package

12 pins on a 0.400" pin square — can contain up to 49 V5X5 resistor chips.

The 12 pin TO-8 package is suitable for ladder networks up to ten bits and other more complicated networks. It is also a good choice when power dissipation is a consideration in simpler networks. It can accommodate up to 49 V5X5 (50 x 50 mils) chips or up to 16 V15X5 (150 x 50 mils) chips. Select Model 1422 for

Standard Dimensions

VIEWED FROM BOTTOM

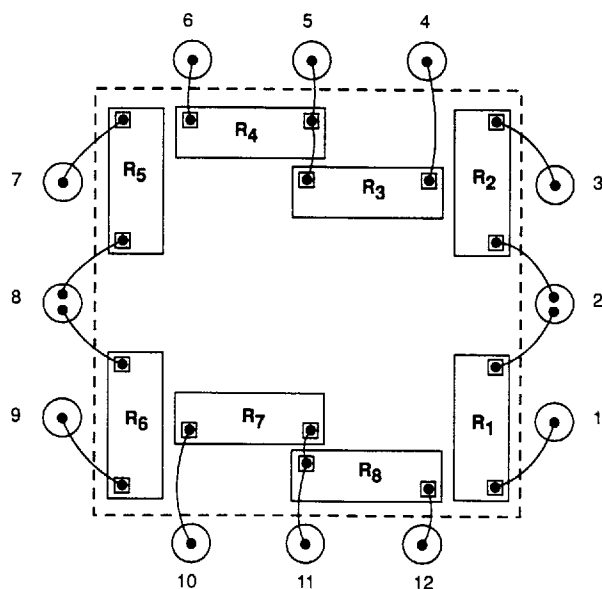
additional pins. Select Model 1457 for added chip area and additional pins.

Power rating: 0.60W @ 70°C (total package)
0.05W max. (each V5X5 chip)
0.10W max. (each V15X5 chip)

SAMPLE CIRCUIT DESIGNS and CHIP LAYOUTS

■ Usable area is represented by the dotted lines. A square of 0.350" x 0.350" — illustrations not to scale. Chips shown undersize for clarity.

■ Drawing view: from top looking down into package.

**FOUR DIVIDERS**