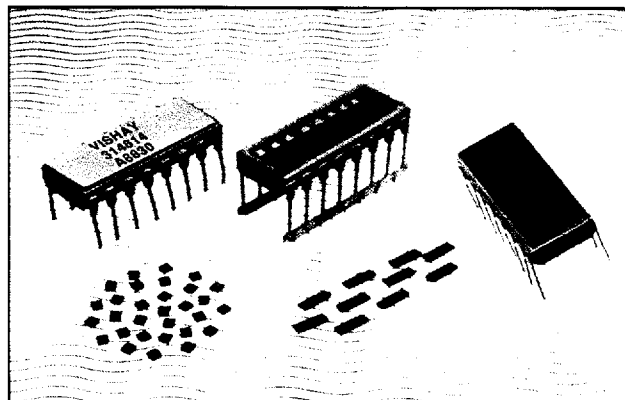


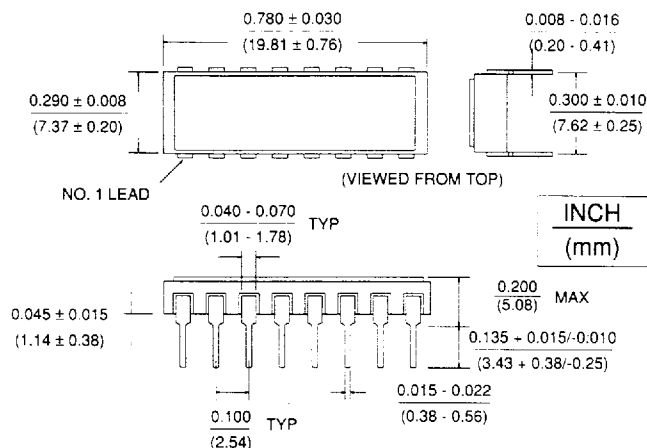
16 Pin DIP PackageT-62-05
VISHAY

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

VISHAY Model 1446/1446Q*
16 Pin DIP Package

16 pins on a 0.300" pin spacing — can contain up to 36 V5X5 resistor chips.

The 16 pin side brazed DIP is the most popular of the ceramic packages. Ceramic has the advantage of electrical isolation on the underside and, in DIP form, a favorable pin arrangement when two networks are to be placed side-by-side and connected together. It can accommodate up to 36 V5X5 (50 x 50 mils) chips or up

Standard Dimensions

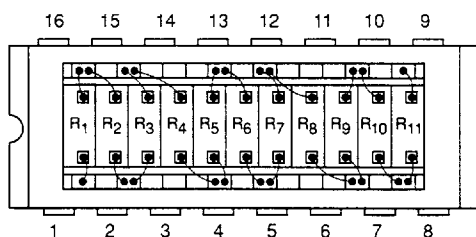
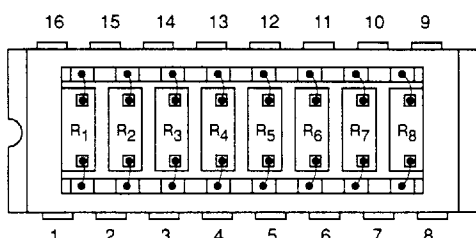
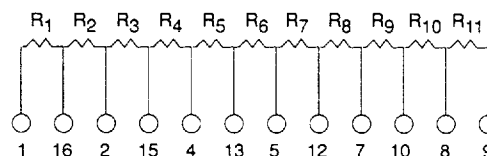
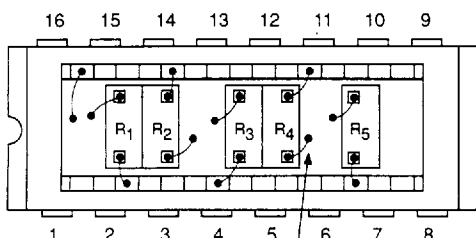
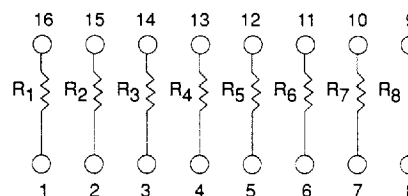
to 12 V15X5 (150 x 50 mils) chips. Select Model 1457 for added chip area or additional pins.

Power rating: 1.40W @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 rectangle 0.150" x 0.600" — illustrations not to scale. Chips shown undersize for clarity.

■ Drawing view: from top looking down into package.

**ELEVEN RESISTOR DIVIDER****EIGHT RESISTOR PACKAGE****FIVE RESISTOR CURRENT SUMMING NETWORK**