



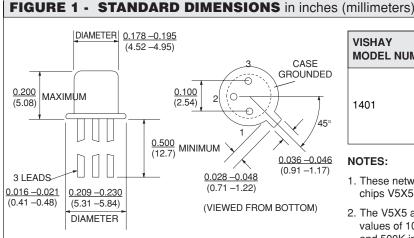
3 pins on a 0.100" pin circle- pin 3 case grounded.

The three pin TO-18 package is suitable for single resistor hermetic packaging with case and lid grounded for electrical isolation. This unique package may also be used to provide a voltage divider, but the user is cautioned that the center tap must go to ground.

Review data sheet "7 Technical Reasons to Specify Bulk Metal<sup>®</sup> Foil Resistor Networks."

## **ORDERING INFORMATION - 1401 PARTS**

Networks are built to your requirements. Send your schematic and electrical requirements to the Applications Engineering Department. (See data sheet "Network Worksheet.") A unique part number will be assigned which defines all aspects of your network.



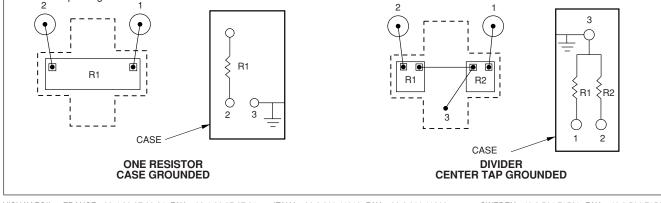
VISHAY MODEL NUMBER	CHIP CAPACITY	MAXIMUM POWER RATING (WATTS) @ +70°C
1401	V15X5 - 1 chip	
	V15X5 - 1 chip and V5X5 - 1 chip	0.15 Watt
	V5X5 - 2 chips	

## NOTES:

- 1. These networks utilize Vishay Bulk Metal<sup>®</sup> Foil resistor chips V5X5 and V15X5 or VTF15X10 Thin Film chips.
- 2. The V5X5 and V15X5 chips have maximum resistance values of 10K and 33K respectively in Bulk Metal® Foil and 500K in VTF15X5 Thin Film chips.

## FIGURE 2 - SAMPLE CIRCUIT DESIGNS AND CHIP LAYOUTS

Usable area is represented by the dotted lines— a cross 0.150 Inches x 0.150 Inches with arm width of 0.05 Inches. NOTE: Illustrations not to scale. Chips shown undersize for clarity. Drawing view is from the top looking down into the package.



VISHAY FOIL • FRANCE +33.4.93.37.28.24 FAX: +33.4.93.37.27.31 • GERMANY +49.9287.710 FAX: +49 9287.70435 • ISRAEL +972.3.557.0945 FAX: +972.3.558.9121

- ITALY + 39.2.300.11919 FAX: +39.2.300.11999 • JAPAN +81.42.729.0661 FAX: +81.42.729.3400 SINGAPORE +65.788.6668 FAX: +65.788.0988
  - SWEDEN +46.8.594.70590 FAX: +46.8.594.70581 • UK +44 191 514 8237 FAX: +44 1953 457 722 • USA +1 610 407-4800 FAX: +1 610 640-9081