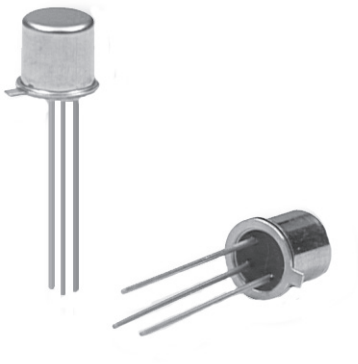
Bulk Metal® Foil Technology
3 Pin Transistor Outline Hermetic Resistor Network



3 pins on a 0.100" pin circle - pin 3 case grounded.
Product may not be to scale

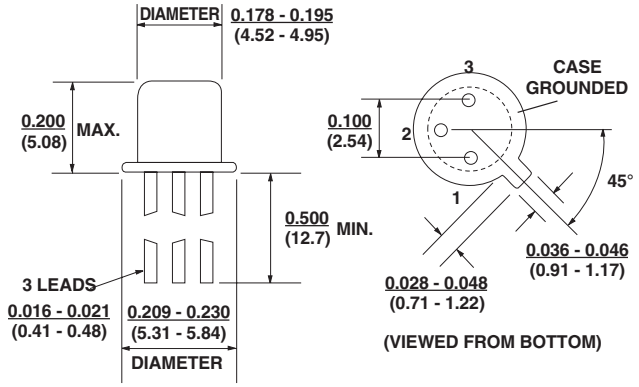
The three pin TO-18 package is suitable for single resistor hermetic packaging with case and lid grounded for electrical isolation. This unique package may also be used to provide a voltage divider, but the user is cautioned that the center tap must go to ground.

Review datasheet "7 Technical Reasons to Specify Bulk Metal® 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 datasheet "Network Worksheet") A unique part number will be assigned which defines all aspects of your network.

FIGURE 1 - STANDARD DIMENSIONS in inches (millimeters)



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

NOTES:

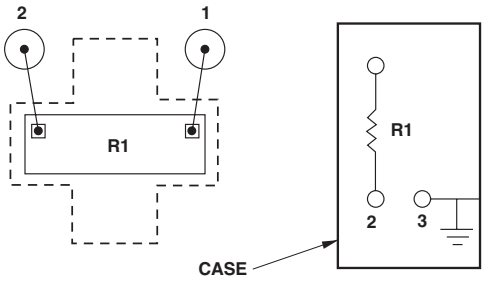
1. These networks utilize Vishay Bulk Metal® Foil resistor chips V5X5 and V15X5 or VTF15X10 Thin Film chips.

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.

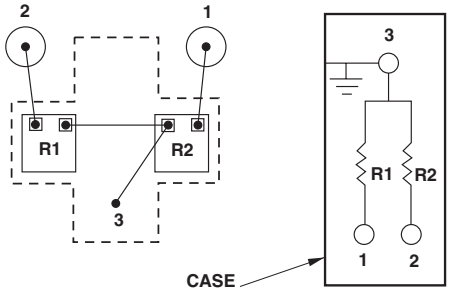
FIGURE 2 - SAMPLE CIRCUIT DESIGNS AND CHIP LAYOUTS

NOTE:

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



ONE RESISTOR
CASE GROUNDED



DIVIDER
CENTER TAP GROUNDED

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