

Vishay Foil Resistors

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



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® 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.

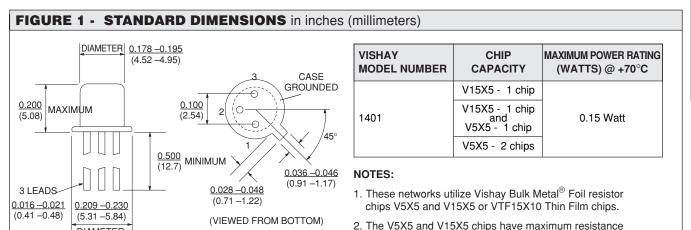
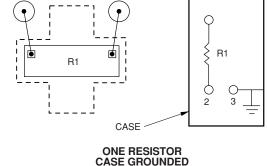


FIGURE 2 - SAMPLE CIRCUIT DESIGNS AND CHIP LAYOUTS Usable area is represented by the dotted lines— a cross 0.150 Inches x 0.150 Inches with arm width of 0.05 Inches. NOTE: Illustrations not to scale. Chips shown undersize for clarity. Drawing view is from the top looking down into the package. 3



R1 >R2 R1 CASE **DIVIDER**

CENTER TAP GROUNDED

values of 10K and 33K respectively in Bulk Metal® Foil

and 500K in VTF15X5 Thin Film chips.

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DIAMETER

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