

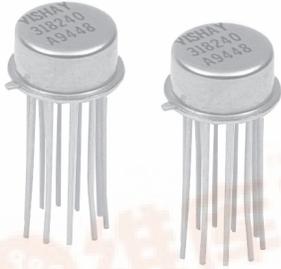
1417



Vishay Foil Resistors

Bulk Metal[®] Foil Technology

8 Pin Transistor Outline Hermetic Resistor Network



Product may not be to scale

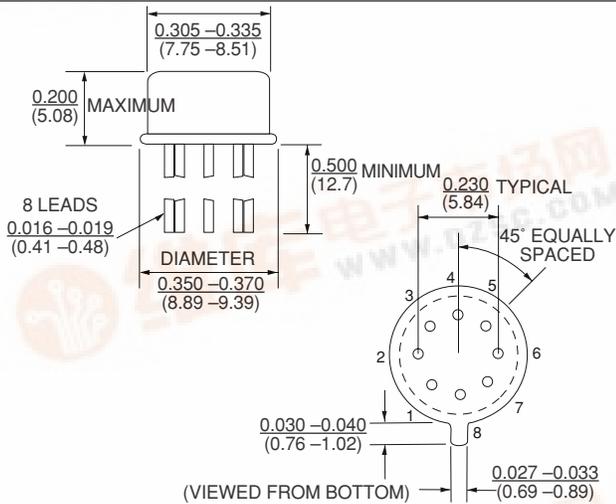
The eight pin TO-5 package with 0.230" pin circle is an alternative layout to Model 1413. This network can contain up to 12, V5X5 resistor chips.

Review data sheet "7 Technical Reasons to Specify Bulk Metal[®] Foil Resistor Networks."

ORDERING INFORMATION - 1417 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 1 - STANDARD DIMENSIONS in inches (millimeters)



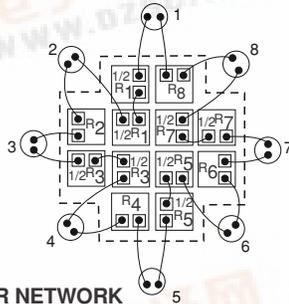
VISHAY MODEL NUMBER	CHIP CAPACITY	MAXIMUM POWER RATING (WATTS) @ +70°C
1417	V15X5 - 3 chips	0.4 Watt
	V5X5 - 12 chips	

NOTE:

1. These networks utilize Vishay Bulk Metal[®] Foil resistor chips V5X5 and V15X5 or VTF15X5 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.
3. The V5X5 and V15X5 chip(s) can be intermixed in a package.

FIGURE 2 - SAMPLE CIRCUIT DESIGNS AND CHIP LAYOUTS

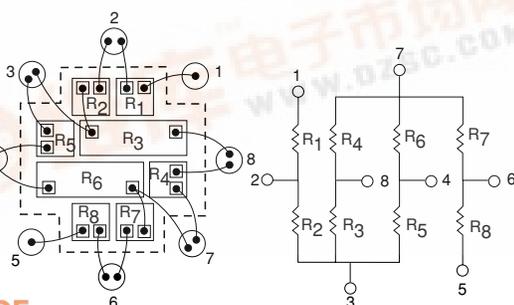
EIGHT RESISTOR (12 ELEMENT) ARRAY



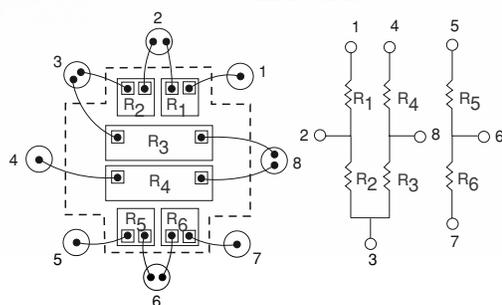
NOTE:

Usable area is represented by dotted lines—a cross 0.200" x 0.200" with arm width of 0.100". Illustrations not to scale. Chips shown undersize for clarity. Drawing view is from the top looking down into the package.

EIGHT RESISTOR NETWORK



TRIPLE DIVIDER



THROUGH HOLE





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