

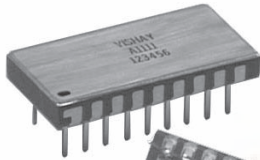
1457

Vishay Foil Resistors



Bulk Metal[®] Foil Technology

18 Pin Dual-In-Line Hermetic Resistor Network

Product may not
be to scale

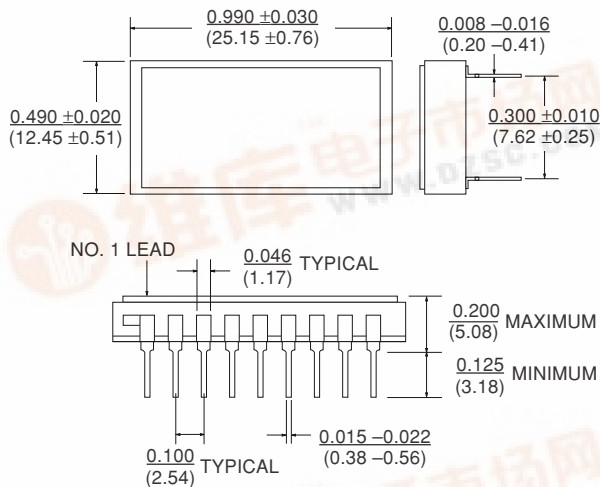
The 18 pin "L" brazed DIP is still a 0.300" pin spacing package but overlaps the mounting holes, providing added chip capacity. It is a good choice for a 14 bit R/2R ladder of $R = 5K$. Select Model 1460 for added chip area or additional pins. This network can contain up to 80 V5X5 resistor chips.

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

ORDERING INFORMATION - 1457 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)



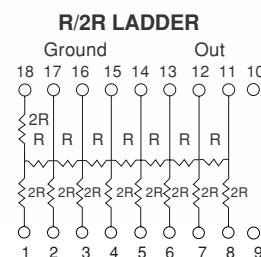
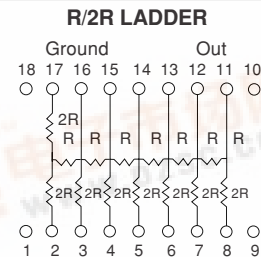
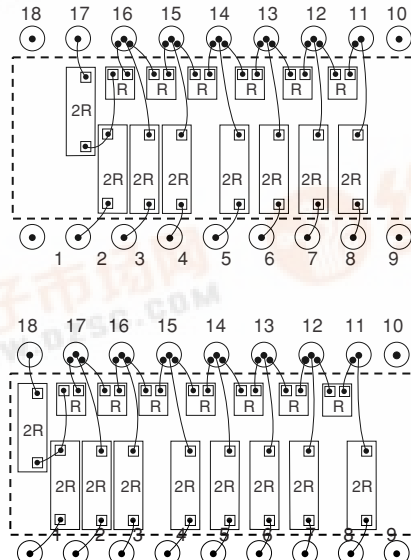
VISHAY MODEL NUMBER	CHIP CAPACITY	MAXIMUM POWER RATING (WATTS) @ +70°C
1457	V15X5 - 25 chips	1.8 Watts
	V5X5 - 80 chips	

NOTE:

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

FIGURE 2 - SAMPLE CIRCUIT DESIGNS AND CHIP LAYOUTS

NOTE: Usable area is represented by the dotted lines—a rectangle 0.250 Inches x 0.800 Inches. Illustrations not to scale. Chips shown undersize for clarity. Drawing view is from the top looking down into the package.



This datasheet has been download from:

www.datasheetcatalog.com

Datasheets for electronics components.