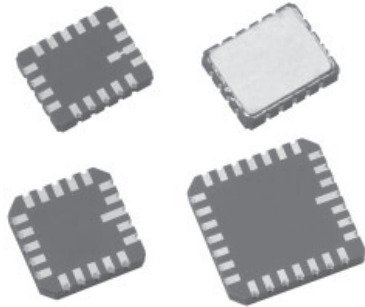


Bulk Metal® Foil Technology Surface Mount Hermetic Resistor Networks In Leadless Chip Carrier (LCC) Configuration



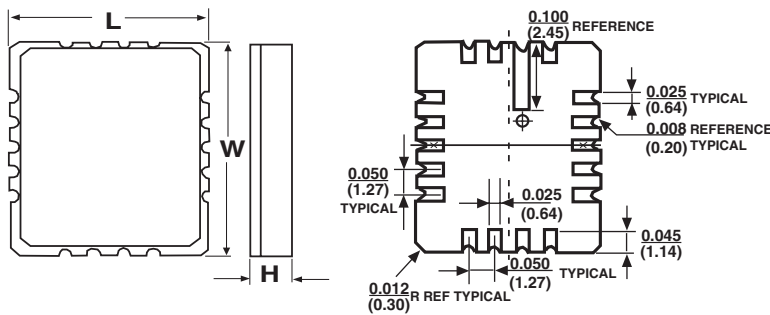
Product may not be to scale

Vishay Model VSM networks incorporate all the performance features of Vishay Bulk Metal® Foil technology in a product ready for surface mounting. The multi-terminal ceramic LCC has gold plated terminals which wrap around from the side of the package to the underside for either socket or surface mounting. See data sheet “7 Technical Reasons to Specify Bulk Metal® Foil Resistor Networks”.

ORDERING INFORMATION - VSM85, VSM86, VSM87, VSM88 OR VSM89 NETWORKS

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 - PACKAGE SIZES AND CHARACTERISTICS

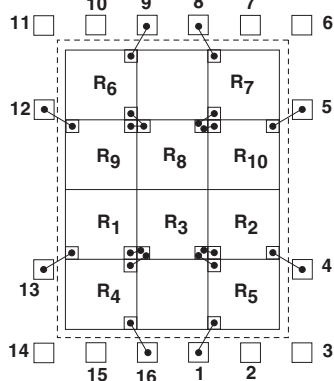


NOTES:

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.

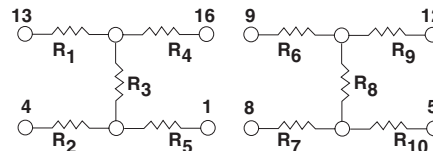
VISHAY MODEL	NO. OF PINS	MAXIMUM DIMENSIONS IN INCHES (MM)				CHIP CAPACITY		MAXIMUM POWER RATING (WATTS) AT + 70 °C
		L	W	H	LL	V5X5	V15X5	
VSM85	16	0.295 (7.493)	0.360 (9.144)	0.090 (2.286)	N/A	12	4	0.4
VSM86	20	0.360 (9.144)	0.360 (9.144)	0.090 (2.286)	N/A	16	4	0.6
VSM87	24	0.345 (8.763)	0.345 (8.763)	0.090 (2.286)	N/A	16	5	0.6
VSM88	28	0.460 (11.684)	0.460 (11.684)	0.090 (2.286)	N/A	25	10	1.0
VSM89	32	0.460 (11.684)	0.560 (14.224)	0.090 (2.286)	N/A	35	14	1.4

FIGURE 2 - SAMPLE CIRCUIT DESIGN AND CHIP LAYOUT



NOTE:

Usable area is represented by the dotted lines - a rectangle 0.150" x 0.200". Illustrations not to scale. Chips shown undersize for clarity. Drawing view is from the top looking down into the package.



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