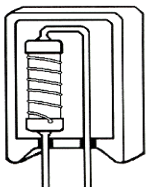
VM/MVM/LVM/WVM Series — Ceramic Housed Vertical Mount

Features

- Flameproof inorganic construction
- High temperature potting compound
- VM - Wirewound on fiberglass element
- MVM - Metal oxide element for higher values
- LVM - Low resistance wire or ribbon element
- WVM - Precision wirewound element



Electrical Specifications

Type	Power Rating (Watts) @ 70°C	Ohmic Range and Tolerance			
		.5%	1%	5%	10%
VM2	2W			0.1Ω – 100Ω	0.1Ω – 100Ω
VM3	3W			0.1Ω – 125Ω	0.1Ω – 125Ω
VM5	5W			0.1Ω – 150Ω	0.1Ω – 150Ω
VM7	7W			0.2Ω – 300Ω	0.2Ω – 300Ω
VM10	10W			0.2Ω – 300Ω	0.2Ω – 300Ω
MVM3	3W			100Ω – 100K	100Ω – 100K
MVM5	5W			100Ω – 100K	100Ω – 100K
LVM2	2W		0.01Ω – 0.1Ω	0.01Ω – 0.1Ω	0.01Ω – 0.1Ω
LVM3	3W		0.01Ω – 0.1Ω	0.01Ω – 0.1Ω	0.01Ω – 0.1Ω
LVM5	5W		0.01Ω – 0.1Ω	0.01Ω – 0.1Ω	0.01Ω – 0.1Ω
LVM7	7W		0.02Ω – 0.15Ω	0.02Ω – 0.15Ω	0.02Ω – 0.15Ω
LVM10	10W		0.02Ω – 0.15Ω	0.02Ω – 0.15Ω	0.02Ω – 0.15Ω
WVM2	2W	0.1Ω – 2K	0.1Ω – 2K	0.1Ω – 2K	
WVM3	3W	0.1Ω – 5K	0.1Ω – 5K	0.1Ω – 5K	
WVM5	5W	0.1Ω – 5K	0.1Ω – 5K	0.1Ω – 5K	
WVM7	7W	0.1Ω – 8K	0.1Ω – 8K	0.1Ω – 8K	
WVM10	10W	0.1Ω – 8K	0.1Ω – 8K	0.1Ω – 8K	

Resistance Temperature Coefficient Standard:

VM series: ± 800ppm below 1Ω & ± 400ppm at 1Ω and above

MVM series: ± 200ppm

LVM series: ± 50 to 400ppm depending on value

WVM series: ± 90ppm below 1Ω, ± 50ppm from 1Ω to 10Ω & ± 20ppm above 10Ω.

How to Order

VM	3	2.2	5%	B
SEI Type	Code	Nominal Value	Tolerance	Packaging

Type
VW
MVM
LVM
WVM

Code
2
3
5
7
10

Tolerance
.5%
1%
5%
10%

Code	Description	Pkg Qty
B	VM, MVM, LVM, WVM	750

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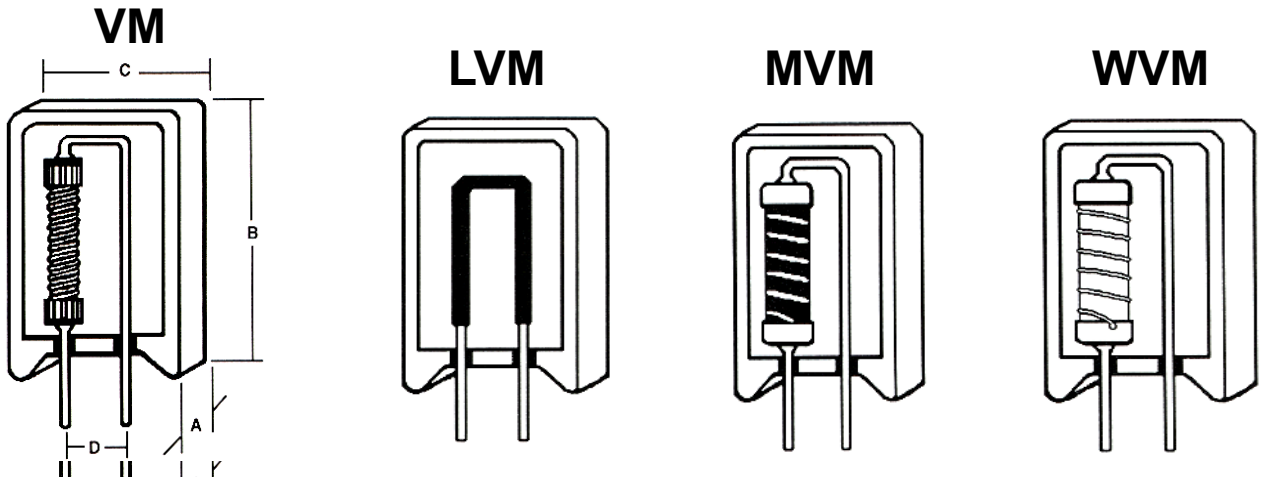
Mechanical Specifications					
Type	**A**	**B**	**C**	**D**	**Units**
Tolerance	**±0.039**	**±0.059**	**±0.039**	**±0.059**	inches
	±1.0	**±1.5**	**±1.0**	**±1.5**	mm
VM2	0.280 7.1	0.820 20.8	0.435 11.0	0.200 5.1	inches mm
VM3	0.380 9.7	0.975 24.8	0.475 12.1	0.200 5.1	inches mm
VM5	0.380 9.7	0.990 25.1	0.520 13.2	0.200 5.1	inches mm
VM7	0.380 9.7	1.520 38.6	0.520 13.2	0.200 5.1	inches mm
VM10	0.480 12.2	1.375 34.9	0.635 16.1	0.300 7.6	inches mm

*VM lead length .175 ± .032

*MVM lead length .175 ± .032 and lead diameter .032

*LVM lead length .175 ± .032 and LVM 2 to LVM 5 lead diameter .032 & LVM 7 to LVM 10 lead diameter .036

*WVM lead length .175 ± .032 and WVM 2 to WVM 5 lead diameter .032 & WVM 7 to WVM 10 lead diameter .036



*VM2 lead diameter is 0.032 and MVM, LVM & WVM lead diameter is 0.036

**Series VM, MVM, LVM, & WVM have the same dimensions.