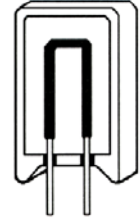


- Features:
- Flameproof inorganic construction
 - High temperature potting compound
 - LVM – Low resistance wire or ribbon element
 - NVM – Non-inductively Ayrton Perry winding
 - WVM – Precision wirewound element
 - RoHS compliant / lead-free

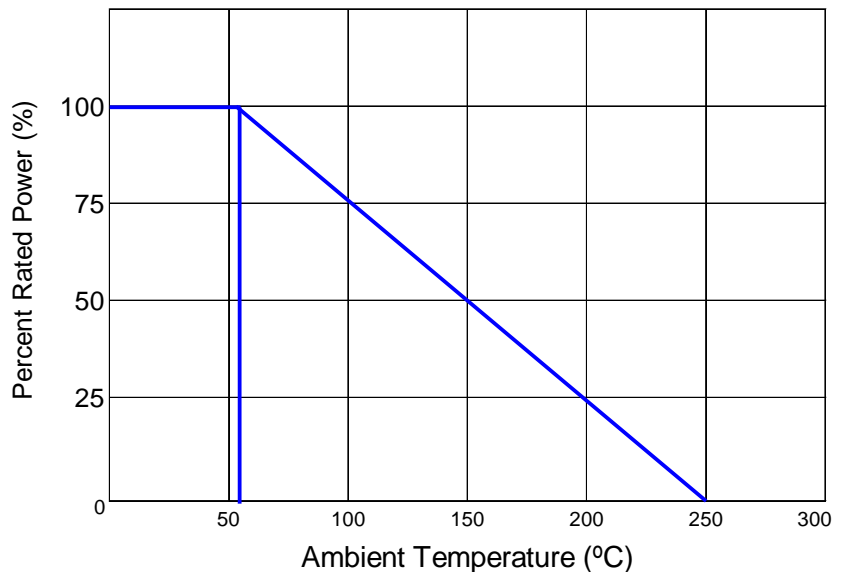


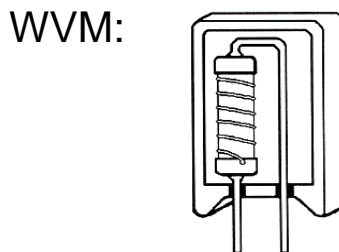
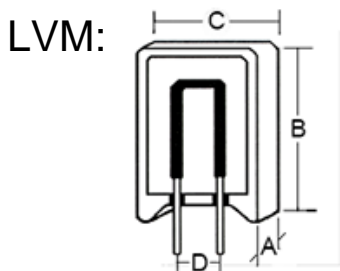
Electrical Specifications							
Type / Code	Power Rating (Watts) @ 70°C	Voltage Rating	TCR (ppm/°C)	Ohmic Range (Ω) and Tolerance			
				0.5%	1%	5%	10%
LVM5	5W	√PR	±50ppm to ±400ppm depending on value	-	0.01 - 0.1	0.01 - 0.1	0.01 - 0.1
LVM7	7W	√PR		-	0.02 - 0.15	0.02 - 0.15	0.02 - 0.15
LVM10	10W	√PR		-	0.02 - 0.15	0.02 - 0.15	0.02 - 0.15
NVM5	5W	350	<1Ω=±90ppm	-	-	0.1 - 2.4K	-
NVM7	7W	500	1Ω to 10Ω=±50ppm	-	-	0.1 - 3.9K	-
NVM10	10W	700	>10Ω=±20ppm	-	-	0.1 - 3.9K	-
WVM5	5W	350	<1Ω=±90ppm	0.1 - 5K	0.1 - 5K	0.1 - 5K	-
WVM7	7W	500	1Ω to 10Ω=±50ppm	0.1 - 8K	0.1 - 8K	0.1 - 8K	-
WVM10	10W	700	>10Ω=±20ppm	0.1 - 8K	0.1 - 8K	0.1 - 8K	-

Maximum Working Voltage is limited by √PR unless specified otherwise.
Resistance Temperature Coefficient Standard

Performance Characteristics	
Test	Test Results
Moisture Resistance	± 5%
Thermal Shock	± 2%
Load Life @ 70°C - 1,000 hrs.	± 5%
Resistance to Soldering Heat	± 2%
Short Time Overload - 5xPn for 5sec	± 2%
Dielectric Withstanding Voltage	± 2%

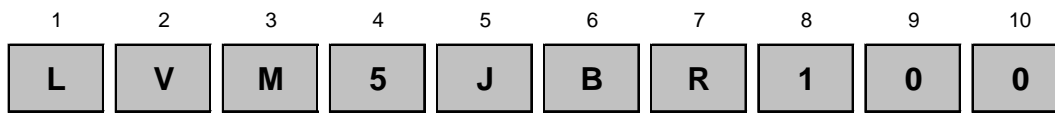
Power Derating Curve:





Mechanical Specifications							
Type / Code	A	B	C	D	Lead Diameter	Lead Length	Unit
LVM5, NVM5, WVM5	0.382 ± 0.039 9.70 ± 0.99	0.988 ± 0.059 25.10 ± 1.50	0.520 ± 0.039 13.21 ± 0.99	0.201 ± 0.059 5.11 ± 1.50	0.031 ± 0.002 0.79 ± 0.05	0.138 ± 0.020 3.51 ± 0.51	inches mm
LVM7, NVM7, WVM7	0.382 ± 0.039 9.70 ± 0.99	1.520 ± 0.059 38.61 ± 1.50	0.520 ± 0.039 13.21 ± 0.99	0.201 ± 0.059 5.11 ± 1.50	0.036 ± 0.002 0.91 ± 0.05	0.138 ± 0.020 3.51 ± 0.51	inches mm
LVM10, NVM10, WVM10	0.480 ± 0.039 12.19 ± 0.99	1.374 ± 0.059 34.90 ± 1.50	0.634 ± 0.039 16.10 ± 0.99	0.299 ± 0.059 7.59 ± 1.50	0.036 ± 0.002 0.91 ± 0.05	0.138 ± 0.020 3.51 ± 0.51	inches mm

How to Order



Product Series		Size	Power	Tolerance		Packaging			Resistance Value
LVM	Ribbon Element	5	5W	Code	Tol	Code	Description	Size	Quantity
NVM	Non-inductive	7	7W	D	0.5%	B	Bulk	LVM5, NVM5, WVM5	1,000
WVM	Precision WW	10	10W	F	1%			LVM7, NVM7, WVM7	800
				J	5%			LVM10, NVM10, WVM10	600
				K	10%				

Resistance Value

Four characters with the multiplier used as the decimal holder.
"L" used as multiplier of 10⁻³ for any value under 0.1 ohm.

0.01 ohm = 10L0
0.1 ohm = R100
100 ohm = 100R
5 Kohm = 5K00

Legacy Part Number (before January 3, 2011):

SEI Type	Code	Nominal Resistance	Tolerance	Packaging
LVM	5	0.1	5%	B

Type	Description	Code	Tolerance	Types	Qty	Description	Code
LVM	Ribbon Element	5	0.5%	LVM5, NVM5, WVM5	1,000	Bulk	B
NVM	Non-Inductive	7	1%	LVM7, NVM7, WVM7	800		
WVM	Precision WW	10	5%	LVM10, NVM10, WVM10	600		
			10%				