



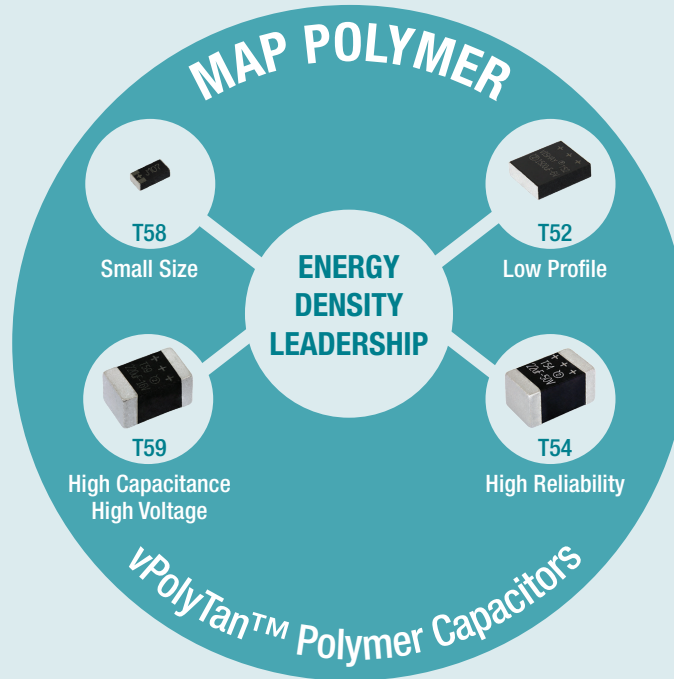
# MAP POLYMER CAPACITORS

## HIGH ENERGY DENSITY CAPACITORS

## IN A NUTSHELL

### DERATING

		Standard Tantalum	Polymer
Example	Specified Derating	50 %	20 %
	Rated Voltage	10 V	6.3 V
	Design Voltage	5 V	5 V



### TERMINATIONS

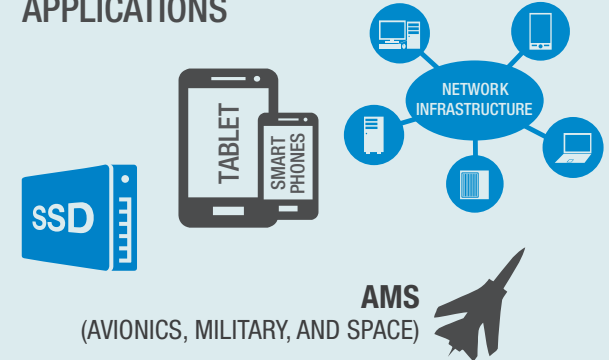
L-Shaped  
(T58, T52)



Wraparound  
(T59, T54)



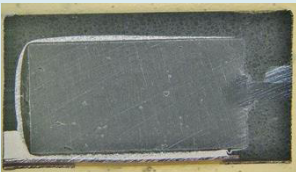
### APPLICATIONS



### VISHAY MAP MEANS MORE CAP

Large anode size

MAP



Molded



Examples:

T58 – 330  $\mu$ F at 6.3 V, BB case size

T58 – 47  $\mu$ F at 6.3 V, M0 case size

T52 – 330  $\mu$ F at 16 V, M1 case size

T59 – 470  $\mu$ F at 16 V, EE case size

### VISHAY FOOTPRINT AND PROFILE CAPABILITY

T58								T52		T59	T54
BB	B2	B0	A0	W0	W9	M0	MM	M1	E5	EE	EE
0.138 (3.5) 0.11 (2.8)	0.138 (3.5) 0.11 (2.8)	0.138 (3.5) 0.11 (2.8)	0.126 (3.2) 0.063 (1.6)	0.079 (2.0) 0.049 (1.25)	0.079 (2.0) 0.049 (1.25)	0.063 (1.6) 0.033 (0.85)	0.063 (1.6) 0.033 (0.85)	0.287 (7.3) 0.236 (6.0)	0.287 (7.3) 0.169 (4.3)	0.287 (7.3) 0.169 (4.3)	0.287 (7.3) 0.169 (4.3)
0.079 (2.0)	0.042 (1.2)	0.039 (1.0)	0.039 (1.0)	0.039 (1.0)	0.035 (0.9)	0.039 (1.0)	0.035 (0.9)	0.079 (2.0)	0.059 (1.5)	0.169 (4.3)	0.169 (4.3)

Shown at actual size (when viewed or printed at 100 %)

Profile in inches (millimeters)

For Technical Questions: [polytech@vishay.com](mailto:polytech@vishay.com)

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VMN-MS7360-1707