



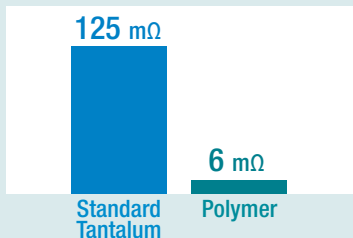
POLYMER CAPACITORS

HIGH CAPACITANCE, LOW ESR CAPACITORS

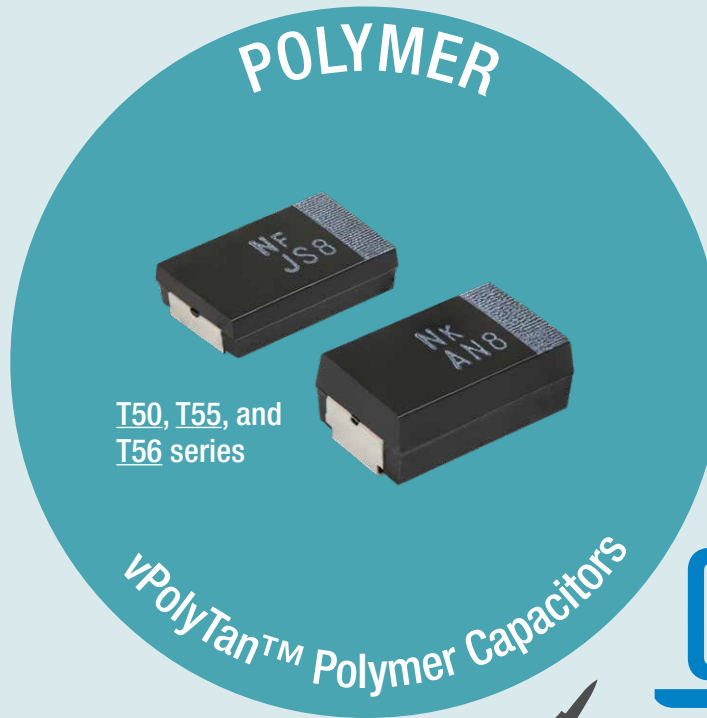
DERATING

	Specified Derating	Example	
		Rated Voltage	Design Voltage
Standard Tantalum	50 %	24 V	12 V
Polymer	20 %	16 V	12 V

Ultra Low ESR (10x improvement)

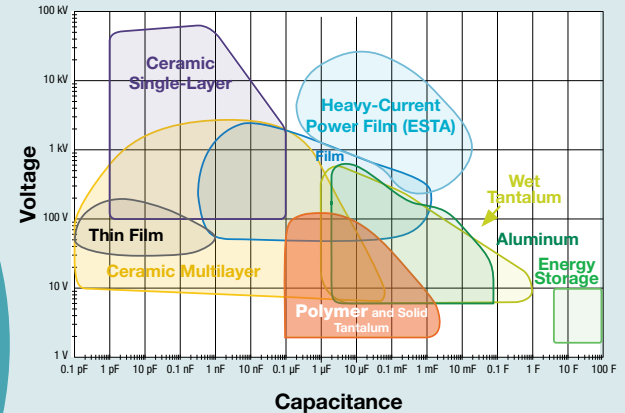


680 μF, 4 V, D CASE SIZE

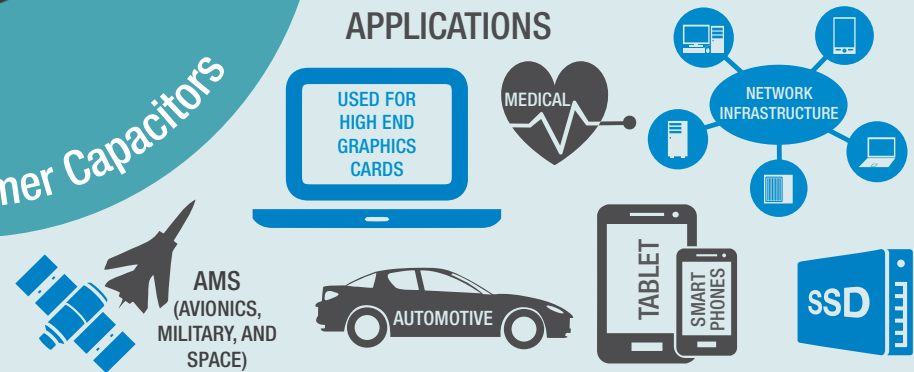


T50, T55, and T56 series

VISHAY CAP MAP

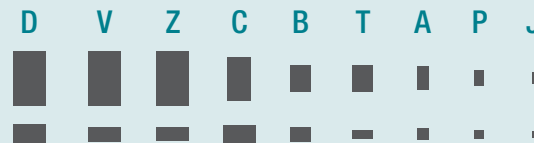


APPLICATIONS



Polymer Capacitors Advantages Over Standard Tantalum	Polymer Capacitors Advantages Over MLCC	Polymer Capacitors Advantages Over Aluminum
<ul style="list-style-type: none"> • Lower ESR • Non-burn feature • Better derating 	<ul style="list-style-type: none"> • No piezo noise effect • No capacitance loss with DC bias • More robust design (no cracking) • Superior temperature stability 	<ul style="list-style-type: none"> • Superior stability • Longer life • Higher operating temperature range • Better volumetric efficiency

VISHAY CAPABILITY



Shown at actual size

FOOTPRINT + PROFILE