



Tantalum Stack Capacitors

TSP Series Polymer



Why Choose KEMET

KEMET is your seamless, integrated, single source for capacitance solutions worldwide. With 95% of possible dielectric solutions, global availability, on-time delivery, plus full custom design services. One world. One KEMET.

Features & Benefits

- Polymer cathode technology
- High capacitance
- Surface mountable
- Capacitance values of 66 μ F to 4080 μ F
- Capacitance can be custom specified
- Voltage ratings of 3 VDC to 35 VDC
- High volumetric efficiency
- Ultra low ESR
- Surge capability
- Operating temperature range of -55°C to +125°C
- Laser-marked case
- Use up to 90% of rated voltage for part types \leq 10 volts
- Use up to 80% of rated voltage for part types $>$ 10 volts

Programs Supported

Applications requiring high capacitance and very low ESR but with limited board space:

- Consumer/Gaming
- Computer
- Medical
- Military/Aerospace
- Telecommunications
- Transportation



KEMET Electrical/Physical Characteristics

Based on T540 Commercial Off-The-Shelf (COTS) Series capacitors. Custom stacking solutions are available with other KEMET Tantalum Surface Mount Series. Please contact KEMET Product Management for availability.

Capacitance		Rated Voltage				
μ F	Code	3V	4V	6.3V	10	16
66	666				2B	
94	946					2D
99	996				3B	
132	137				4B	
136	137			2B		
141	147					3D
188	197					4D
198	207				6B	
200	207		2B		2D	
204	207			3B		
272	277			4B		
282	287					6D
300	307		3B		2D	
400	407		4B		4D	
408	407			6B		
440	447		2D		2D	
450	457	3B				
600	607	4B	6B			
660	667	2D		2D	3D	
880	887		4D		4D	
900	907	6B			6D	
940	947		2D			
990	997			3D		
1320	138			4D	6D	
1360	148	2D				
1410	148		3D			
1880	198		4D			
1980	208			6D		
2040	208	3D				
2720	278	4D				
2820	288		6D			
4080	418	6D				

For more information, samples and engineering kits, please visit us at www.kemet.com or call 1.877.myKEMET.