



Tantalum High Voltage Polymer Capacitors

T521 Series



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

- High voltage (16V–35V)
- Replacement for standard (MnO₂) tantalum chips (35V–50V)
- Up to 330 μF capacitance value
- High ripple current capability
- Volumetrically efficient
- Stable temperature characteristics
- Safe failure mode
- Low ESR
- Recommended 20% voltage derating
- 105°C–125°C rated temperature
- Pb-free, RoHS-compliant and Halogen-free (when ordered with 100% Sn termination finish)

Programs Supported

- Industrial Power Supplies (to 28V)
- Medical Diagnostics
- Telecommunications
- Computer
- Military Grade Power Supplies (to 28V)
- Avionics Instrumentation (to 28V)



KEMET Products

T521 Series Offerings vs. Standard (MnO₂) Tantalum Chip Capacitors

Cap	16V Rating (10-13V Applications)		20V Rating (13-16V Applications)		25V Rating (16-20V Applications)		35V Rating (20V-28V Applications)		50V Ratings (28V-40V Applications)	
	Std	Low Profile	Std	Low Profile	Std	Low Profile	Std	Low Profile	Std	Low Profile
5.6 μF										7343-19 90 mΩ
10 μF									7343-38 90 mΩ	
15 μF								7343-19 100 mΩ		
22 μF						7343-19 60 mΩ	7343-32 60 mΩ			
33 μF						7343-19 60 mΩ	7343-43 60 mΩ			
47 μF		7343-19 50 mΩ		7343-19 55 mΩ	7343-32 75 mΩ		7343-43 35 mΩ			
68 μF		7343-19 50 mΩ		7343-43 70 mΩ	7343-43 70 mΩ		7343-43 100 mΩ			
100 μF		7343-19 50 mΩ	7343-43 100 mΩ		7343-43 60 mΩ					
150 μF	7343-32 80 mΩ		7343-43 100 mΩ							
220 μF	7343-43 35 mΩ									
330 μF	7343-43 25 mΩ									

Contact factory for availability.

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