

## T521 Series - High Voltage Polymer

### Programs Supported

- Industrial/Medical
  - Industrial Power Suppliers (to 28V)
  - Medical Diagnostics
- Telecommunication
- Computer/Network
  - Lap top, Desk top, Net Books, Servers
- Military/Avionics
  - Military Grade Power Supplies (to 28V)
  - Avionics Instrumentation (to 28V)

### Benefits & Features

- High Voltage (16V-35V)
- Replacement for MnO<sub>2</sub> Tantalum Chips (35V-50V)
- Up to 68µF Capacitance value
- High Ripple Current Capability
- Volumetrically Efficient
- Stable temperature characteristics
- Safe failure mode
- Low ESR
- Recommended 20% Voltage Derating
- 125°C Rated Temperature
- Pb Free/RoHS Compliant & Halogen Free  
(When ordered with 100% Sn Termination Finish)
- Easy-To-Buy-From Philosophy

### T521 Series Offerings vs Standard (MnO<sub>2</sub>) Tantalum Chip Capacitors

Cap	~13V Applications		~16V Applications		~20V Applications		~24V Applications		~28V Applications	
	25V Std.	16V T521	35V Std	20V T521	35V Std	25V T521	50V Std	35V T521	50V Std	35V T521
6.8µF							7343-32 300mΩ		7343-32 300mΩ	
10µF							7343-43 250mΩ		7343-43 250mΩ	
15µF			7343-32 225mΩ		7343-32 225mΩ		7343-43 200mΩ	7343-20 125mΩ	7343-43 200mΩ	7343-20 125mΩ
22µF			7343-43 125mΩ		7343-43 125mΩ			7343-32 90mΩ		7343-32 90mΩ
33µF	7343-32 90mΩ		7343-43 100mΩ		7343-43 100mΩ	7343-20 60mΩ		7343-32 45mΩ		7343-32 45mΩ
47µF	7343-43 120mΩ		7343-43 185mΩ	7343-20 55mΩ	7343-43 185mΩ	7343-32 75mΩ		7343-43 35mΩ		7343-43 35mΩ
68µF	7343-43 125mΩ	7343-20 50mΩ		7343-32 100mΩ		7343-32 75mΩ		7343-43 100mΩ		7343-43 100mΩ
100µF	7260-38 150mΩ	7343-20 50mΩ		7343-32 100mΩ		7343-43 35mΩ				
150µF		7343-32 45mΩ		7343-43 100mΩ						
220µF		7343-43 100mΩ								

Blue = Contact Factory for Availability

