

## T510X227M016ATE025

T510, Tantalum, MnO2 Tantalum, Multi-Anode, 220 uF, 20%, 16 VDC, SMD, MnO2, Molded, Multiple Anodes, Low ESR, 25 mOhms, 4.3 mm, 2817 / 7343



Click [here](#) for the 3D model.

### General Information

Series	T510
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Multiple Anodes, Low ESR
Features	Low ESR
RoHS	Yes
Termination	Tin
Typical Component Weight	430.15 mg
Shelf Life	156 Weeks
MSL	1

### Dimensions

L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

### Specifications

Capacitance	220 uF
Tolerance	20%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	25 mOhms (100kHz 25C)
Ripple Current	3286 mA (rms, 100kHz 25C), 2957.4 mA (rms, 85C), 1314.4 mA (rms, 125C)
Leakage Current	35.2 uA (5min 25°C)

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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