

KEMET Part Number: T498X227K010ATE500
(B45196P2227K509)



Tantalum, MnO2 Tantalum, High Temperature, T498, 220 uF, 10%, 10 V, 7343, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 500 mOhms, Height Max = 4.3mm



General Information	
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Series:	T498
Description:	SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200
Features:	Automotive, 150C
RoHS:	Yes
Termination:	Tin
Approvals:	AEC-Q200
AEC-Q200:	Yes

Dimensions	
Footprint	7343
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

Specifications	
Capacitance:	220 uF
Capacitance Tolerance:	10%
Voltage DC:	10 VDC (85C), 7.97 VDC (125C), 5 VDC (150C)
Temperature Range:	-55/+150C
Dissipation Factor:	9% 120Hz 20C
Failure Rate:	N/A
Resistance:	500 mOhms (100kHz)
Current:	574 mAmps (100kHz 25C), 516.6 mAmps (85C), 172.2 mAmps (150C)
Leakage Current:	22 uAmps (5min 20C)

Packaging Specifications	
Weight:	652.04 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

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