

**KEMET Part Number: T495X106K050ATE300**  
(B45197A7106K509)

Capacitor, Tantalum, SMD, MnO<sub>2</sub>, Molded, Low ESR, 10 uF, 7343, +/-10% Tol, -55/+125C, 50 VDC (85C)



General Information	
Supplier:	KEMET
Application:	Low ESR
Part Type Description:	SMD, MnO <sub>2</sub> , Molded, Low ESR
Construction:	Standard Chip-MnO <sub>2</sub>
Body Type:	SMD Chip
Footprint:	7343
Weight:	652.04 mg
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	7.3	+/-0.3
W	4.3	+/-0.3
H	4	+/-0.3
F	2.4	+/-0.1
S	1.3	+/-0.3
B	0.5	+/-0.15
X	0.1	+/-0.1
P	1.7	REF
R	1	REF
T	0.13	REF
A	3.6	MIN
G	3.5	REF
E	3.5	REF

Specifications	
Capacitance:	10 uF
Tolerance:	+/-10%
Voltage:	50 VDC (85C)
Voltage:	33.5 VDC (125C)
Temperature Range:	-55/+125C
Current/Ripple Current:	742 mAmps (25C)
Current/Ripple Current:	667.8 mAmps (85C)
Current/Ripple Current:	296.8 mAmps (125C)
Resistance/ESR:	300 mOhms (100kHz)
Failure Rate:	N/A
Leakage Current:	5 uA
Dissipation Factor:	6%

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Quantity:	500

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