

KEMET Part Number: T498C476K006ATE800
(B45196P1476K309)

Capacitor, Tantalum, SMD, MnO₂, Molded, Hi-Temp, 150C, Auto, AEC-Q200, 47 uF, 6032, +/-10% Tol, 6.3 VDC (85C)



General Information	
Supplier:	KEMET
Application:	Automotive/High Temp (AEC-Q200 Qualified)
Sub Application:	(150C)
Part Type Description:	SMD, MnO ₂ , Molded, Hi-Temp, 150C, Auto, AEC-Q200
Construction:	Standard Chip-MnO ₂
Body Type:	SMD Chip
Footprint:	6032
Weight:	224.48 mg
Approvals:	AEC-Q200
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	6	+/-0.3
W	3.2	+/-0.3
H	2.5	+/-0.3
F	2.2	+/-0.1
S	1.3	+/-0.3
B	0.5	+/-0.15
X	0.1	+/-0.1
P	0.9	REF
R	1	REF
T	0.13	REF
A	2.5	MIN
G	2.8	REF
E	2.4	REF

Specifications	
Capacitance:	47 uF
Tolerance:	+/-10%
Voltage:	6.3 VDC (85C)
Voltage:	5.02 VDC (125C)
Voltage:	4.22 VDC (150C)
Temperature Range:	-55/+150C
Current/Ripple Current:	371 mAmps (25C)
Current/Ripple Current:	333.9 mAmps (85C)
Current/Ripple Current:	111.3 mAmps (150C)
Resistance/ESR:	800 mOhms (100kHz)
Failure Rate:	N/A
Leakage Current:	3 uA
Dissipation Factor:	4.5%

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

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