

**KEMET Part Number: T498C476K006ATE800**  
(B45196P1476K309)



Tantalum, MnO2 Tantalum, High Temperature, T498, 47 uF, 10%, 6.3 V, 6032, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 800 mOhms, 2.8mm



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

Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	3.1mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

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

Packaging Specifications	
Weight:	224.48 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

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