

**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, Height Max = 2.8mm



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

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

Specifications	
<b>Capacitance:</b>	47 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	6.3 VDC (85C), 5.02 VDC (125C), 3.2 VDC (150C)
<b>Temperature Range:</b>	-55/+150C
<b>Dissipation Factor:</b>	4.5% 120Hz 20C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	800 mOhms (100kHz)
<b>Current:</b>	371 mAmps (100kHz 25C), 333.9 mAmps (85C), 111.3 mAmps (150C)
<b>Leakage Current:</b>	3 uAmps (5min 20C)

Packaging Specifications	
<b>Weight:</b>	224.48 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	500

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