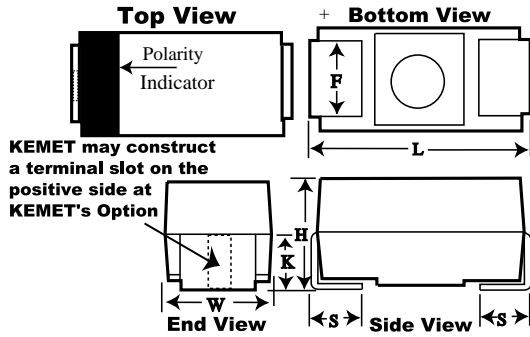


**KEMET Part Number: B45196L1107M309** **Obsolete**  
(T495C107M006ZTA1K2)

B45196L, Tantalum, MnO2 Tantalum, 100 uF, 20%, 6.3 V, SMD, Molded, Automotive, 1.2 Ohms, 6032, Height Max = 2.8mm



#### Dimensions

Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
K	1.8mm TYP

#### Packaging Specifications

<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	750

#### General Information

<b>Supplier:</b>	KEMET
<b>Series:</b>	B45196L
<b>Dielectric:</b>	MnO2 Tantalum
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD, Molded, Automotive
<b>Features:</b>	Automotive
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Qualifications:</b>	AEC-Q200
<b>AEC-Q200:</b>	Yes
<b>Miscellaneous:</b>	AEC-Q200
<b>Notes:</b>	Obsolete

#### Specifications

<b>Capacitance:</b>	100 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	6.3 VDC (85C), 4.22 VDC (125C)
<b>Temperature Range:</b>	-55/+125C
<b>Rated Temperature:</b>	85C
<b>Dissipation Factor:</b>	8%
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	1.2 Ohms (100kHz)
<b>Current:</b>	110.6 mAmps (25C), 99.5 mAmps (85C), 44.2 mAmps (125C)
<b>Leakage Current:</b>	6.3 uA