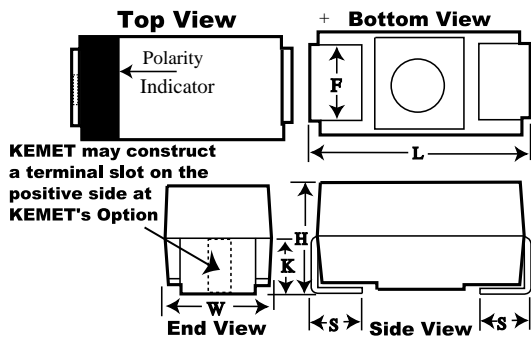


**KEMET Part Number: B45196L3106K209** **Obsolete**  
(T495B106K016ZTA2K5)

B45196L, Tantalum, MnO2 Tantalum, 10 uF, 10%, 16 V, SMD, Molded, Automotive, 2.5 Ohms, 3528, Height Max = 2.1mm



#### Dimensions

Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
S	0.7mm +/-0.3mm
F	2.2mm +/-0.1mm
K	1.4mm TYP

#### Packaging Specifications

<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	2000

#### 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>	10 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	16 VDC (85C), 10.72 VDC (125C)
<b>Temperature Range:</b>	-55/+125C
<b>Rated Temperature:</b>	85C
<b>Dissipation Factor:</b>	6%
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	2.5 Ohms (100kHz)
<b>Current:</b>	97.2 mAmps (25C), 87.5 mAmps (85C), 38.9 mAmps (125C)
<b>Leakage Current:</b>	1.6 uA