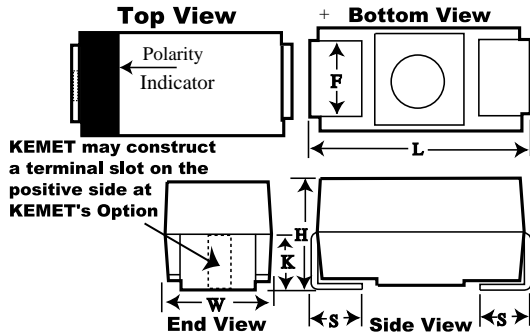


KEMET Part Number: B45196L1685K109 **Obsolete**
(T495A685K006ZTA4K5)

B45196L, Tantalum, MnO2 Tantalum, 6.8 uF, 10%, 6.3 V, SMD, Molded, Automotive, 4.5 Ohms, 3216, Height Max = 1.8mm



Dimensions

Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
K	1.3mm TYP

Packaging Specifications

Packaging:	T&R, 178mm
Packaging Quantity:	2000

General Information

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

Specifications

Capacitance:	6.8 uF
Capacitance Tolerance:	10%
Voltage DC:	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	6%
Failure Rate:	N/A
Resistance:	4.5 Ohms (100kHz)
Current:	91.3 mAmps (25C), 82.2 mAmps (85C), 36.5 mAmps (125C)
Leakage Current:	0.5 uA