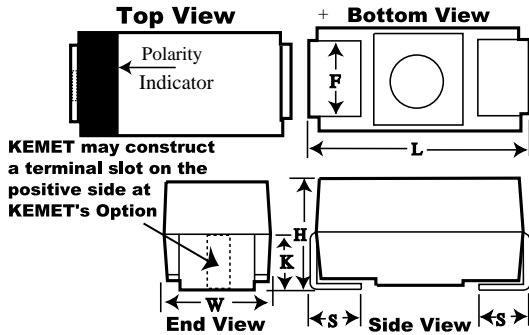


KEMET Part Number: B45196L6685K309 **Obsolete**
(T495C685K035ZTA1K8)

B45196L, Tantalum, MnO2 Tantalum, 6.8 uF, 10%, 35 V, SMD, Molded, Automotive, 1.8 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

Packaging:	T&R, 178mm
Packaging Quantity:	750

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:	35 VDC (85C), 23.45 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	6%
Failure Rate:	N/A
Resistance:	1.8 Ohms (100kHz)
Current:	110.6 mAmps (25C), 99.5 mAmps (85C), 44.2 mAmps (125C)
Leakage Current:	2.4 uA