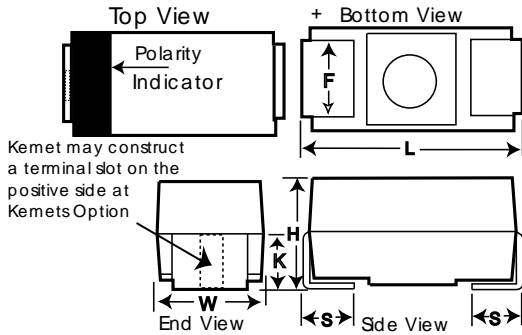


KEMET Part Number: T495C685K025ZTE500
(B45197A5685K309)

Capacitor, Tantalum, 6.8 uF, 6032, +/-10% Tol, 25V@85C



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	6	+/-0.3
W	3.2	+/-0.3
H	2.5	+/-0.3
K	1.8	typ
F	2.2	+/-0.1
S	1.3	+/-0.3

Notes:

-In polarity stripe, at KEMET's option, type may be indicated: see catalog for explanation of symbols

-Old part number [Obsolete] was B45197A5685K309

General Information	
Supplier:	KEMET
Part Type Description:	Molded Std Profile - Low ESR/ Surge Robust
Construction:	Standard Chip-MnO2

Specifications	
Capacitance:	6.8 uF
Voltage DC @ 85C:	25V
Voltage DC @ 105C:	20.88V
Voltage DC @ 125C:	16.75V
Tolerance:	+/-10%
Application:	General Purpose/Low ESR
Temperature Range:	-55/+125C
Body Type:	Molded Chip
ESR:	500 mOhm
Footprint:	6032
Termination:	Tin
RoHS:	Yes
Leakage Current:	1.7 uA
Dissipation Factor:	6%
Ripple @ 25C:	0.47 A
Ripple @ 85C:	0.423 A
Ripple @ 125C:	0.188 A

Packaging Specifications	
Package Kind:	T&R
Package Size:	7in
Package Quantity:	750