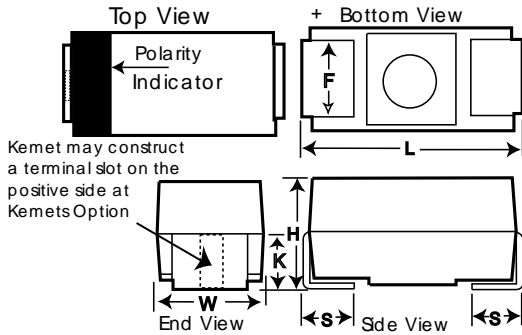


**KEMET Part Number: T491B685K010ZT**  
(B45196E2685K209)

Capacitor, tantalum, 6.8 uF, 3528, +/-10% Tol, 10V@85C



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.5	+/-0.2
W	2.8	+/-0.2
H	1.9	+/-0.2
K	1.4	typ
F	2.2	+/-0.1
S	0.7	+/-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 B45196E2685K209

General Information	
<b>Manufacturer:</b>	KEMET
<b>Construction:</b>	Standard Chip-MnO2
<b>Miscellaneous Electrical:</b>	Closest Kemet Original Series Equivalent: T491B685M010AT

Specifications	
<b>Capacitance:</b>	6.8 uF
<b>Voltage DC @ 85C:</b>	10V
<b>Voltage DC @ 105C:</b>	8.2V
<b>Voltage DC @ 125C:</b>	6.3V
<b>Tolerance:</b>	+/-10%
<b>Application:</b>	General Purpose
<b>Temperature Range:</b>	-55/+125C
<b>Body Type:</b>	Molded Chip
<b>Footprint:</b>	3528
<b>Termination:</b>	Tin
<b>RoHS:</b>	Yes
<b>Leakage Current:</b>	0.7 uA
<b>Dissipation Factor:</b>	6%
<b>Impedance @ 100kHz:</b>	3.5 Ohm

Packaging Specifications	
<b>Package Kind:</b>	T&R
<b>Package Size:</b>	7in
<b>Package Quantity:</b>	2000