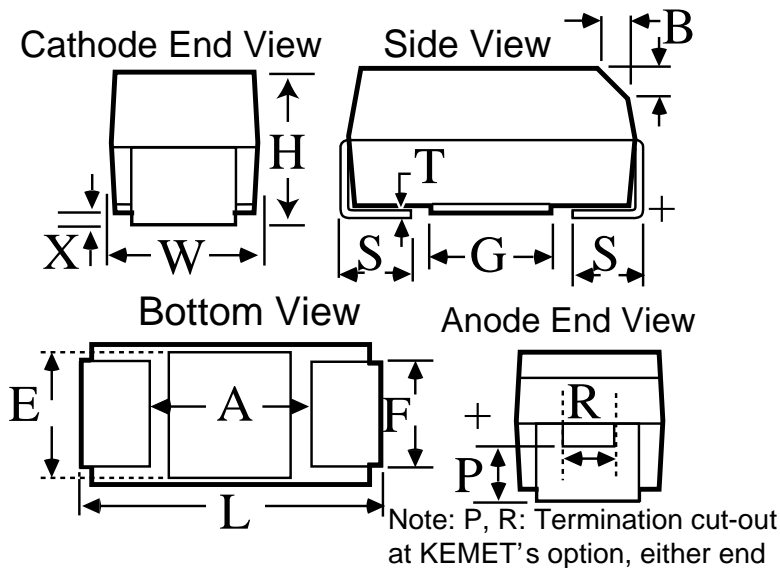


Capacitor, tantalum, 6.8 uF, 3216, +/-10% Tol, 16V@85C



**Dimensions (mm)**

**Specifications**

ID	Dimension	Tolerance
L	3.2	+/-0.2
W	1.6	+/-0.2
H	1.6	+/-0.2
F	1.2	+/-0.1
S	0.8	+/-0.3
B	0.4	+/-0.15
X	0.1	+/-0.1
P	0.4	ref
R	0.4	ref
T	0.13	ref
A	1.4	min
G	1.1	ref
E	1.3	ref

<b>Manufacturer:</b>	KEMET
<b>Capacitance:</b>	6.8 uF
<b>Voltage DC @ 85C:</b>	16V
<b>Voltage DC @ 105C:</b>	13V
<b>Voltage DC @ 125C:</b>	10V
<b>Tolerance:</b>	+/-10%
<b>Application:</b>	Low ESR
<b>Body Type:</b>	Molded Chip
<b>Temperature Range:</b>	-55/+125C
<b>ESR:</b>	3 Ohm
<b>Footprint:</b>	3216
<b>Termination:</b>	Tin
<b>Leakage Current:</b>	1.1 uA
<b>Dissipation Factor:</b>	6%
<b>Ripple @ 25C:</b>	0.158 A
<b>Ripple @ 85C:</b>	0.1422 A
<b>Ripple @ 105C:</b>	0.1027 A
<b>Ripple @ 125C:</b>	0.0632 A
<b>Package Kind:</b>	T&R
<b>Package Quantity:</b>	9000

Notes:

-In polarity stripe, at KEMET's option, type may be indicated:  
 no symbol = Standard MnO2 tantalum chip, O = LowESR  
 T494, R = Low ESR T495, F = Fused T496, HT = 150C rated T498 (or B45196P, B45198P), H = 175C rated T499,  
 M = Multiple anode construction T530 (and B45396R), KO = Organic cathode T520 or T521, KT = High temp organic cathode T525, KM = Multiple anode organic cathode T530,  
 FD= Organic cathode face down terminals T528.