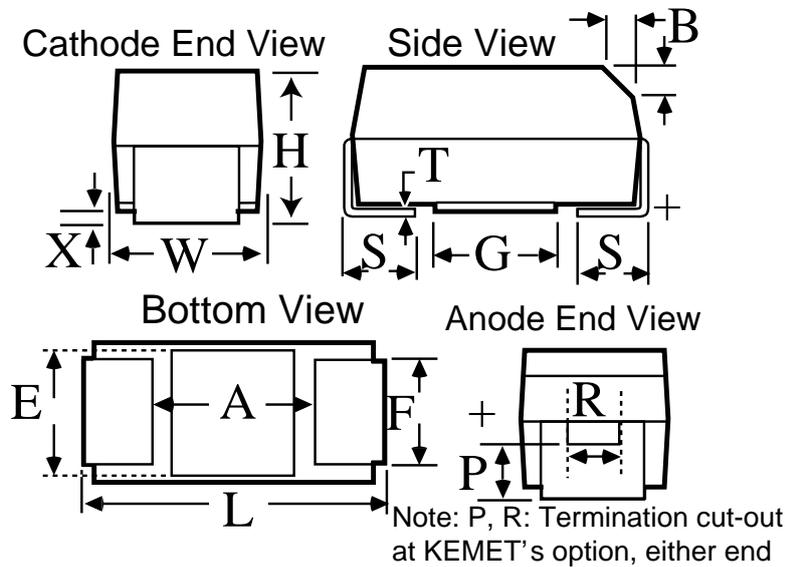


Capacitor, tantalum, 47 uF, 3528, +/-10% Tol, 10V@85C



**Dimensions (mm)**

**Specifications**

ID	Dimension	Tolerance
L	3.5	+/-0.2
W	2.8	+/-0.2
H	1.9	+/-0.2
F	2.2	+/-0.1
S	0.8	+/-0.3
B	0.4	+/-0.15
X	0.1	+/-0.1
P	0.5	ref
R	1	ref
T	0.13	ref
A	2.1	min
G	1.8	ref
E	2.2	ref

<b>Manufacturer:</b>	KEMET
<b>Capacitance:</b>	47 uF
<b>Voltage DC @ 85C:</b>	10V
<b>Voltage DC @ 105C:</b>	8.5V
<b>Voltage DC @ 125C:</b>	7V
<b>Tolerance:</b>	+/-10%
<b>Application:</b>	General Purpose
<b>Body Type:</b>	Molded Chip
<b>Temperature Range:</b>	-55/+125C
<b>ESR:</b>	1 Ohm
<b>Footprint:</b>	3528
<b>Termination:</b>	Tin
<b>Leakage Current:</b>	4.7 uA
<b>Dissipation Factor:</b>	8%
<b>Ripple @ 25C:</b>	0.292 A
<b>Ripple @ 85C:</b>	0.263 A
<b>Ripple @ 105C:</b>	0.19 A
<b>Ripple @ 125C:</b>	0.117 A
<b>Package Kind:</b>	T&R
<b>Package Quantity:</b>	2000

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.