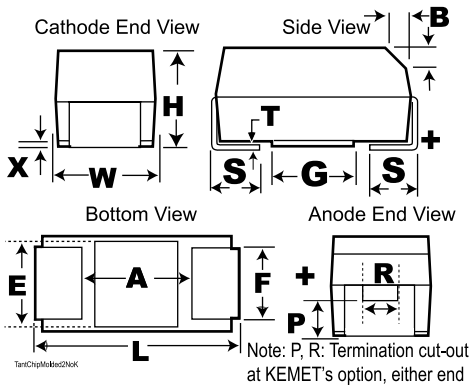
KEMET Part Number: T520B336M006ATE025

Capacitor, Tantalum, SMD, Polymer, Molded, Low ESR, Non-Combustible, 33 uF, 3528, +/-20% Tol, 6.3V@85C



General Information	
Supplier:	KEMET
Part Type Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible
Construction:	Standard Chip-Polymer

Specifications	
Capacitance:	33 uF
Voltage DC @ 85C:	6.3V
Voltage DC @ 105C:	6.3V
Tolerance:	+/-20%
Application:	General Purpose/Low ESR
Temperature Range:	-55/+105C
Body Type:	Molded Chip
ESR:	25 mOhm
Footprint:	3528
Termination:	Tin
RoHS:	Yes
Leakage Current:	20.8 uA
Dissipation Factor:	8%
Ripple @ 25C:	2.3 A
Ripple @ 85C:	1.61 A
Ripple @ 105C:	0.575 A

Dimensions (mm)		
Symbol	**Dimension**	**Tolerance**
L	3.5	+/-0.2
W	2.8	+/-0.2
H	1.9	+/-0.1
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

Packaging Specifications	
Package Kind:	T&R
Package Size:	7in
Package Quantity:	2000

Notes:
-In polarity stripe, at KEMET's option, type may be indicated: no symbol = Standard (or low leakage) 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 T510 (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.

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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