

KEMET Part Number: T540B336M010AH6610
(04051-027A)

Capacitor, Tantalum, 33 uF, 3528, +/-20% Tol, 10 VDC (85C), Failure Rate=A



General Information	
Supplier:	KEMET
Application:	Military COTS/Low ESR
Sub Application:	(NonCombustibleCathode)
Part Type Description:	SMD, Polymer, Molded, COTS
Construction:	Standard Chip-Polymer
Body Type:	SMD Chip
Termination:	Solder Coated
Footprint:	3528
Weight:	98.3 mg
RoHS:	No

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	1.1	MIN
G	1.8	REF
E	2.2	REF

Specifications	
Capacitance:	33 uF
Tolerance:	+/-20%
Voltage:	10 VDC (85C)
Voltage:	6.7 VDC (125C)
Temperature Range:	-55/+125C
Testing:	10 Cycles Surge Current Testing At +25C +/-5C After Voltage Aging
Current/Ripple Current:	1260 mA (100kHz 45C)
Resistance/ESR:	80 mOhms (100kHz 25C)
Failure Rate:	A
Leakage Current:	33 uA
Dissipation Factor:	8%

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

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Quantity:	2000