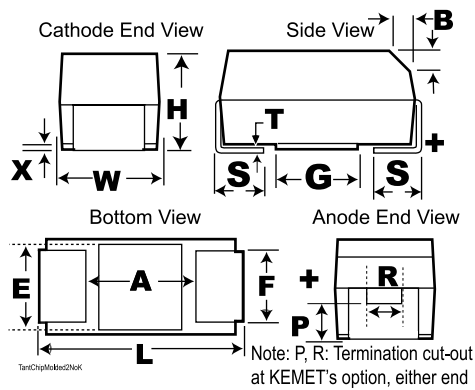


Capacitor, Tantalum, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, 10 uF, 6032, +/-10% Tol, 25V@85C



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	6	+/-0.3
W	3.2	+/-0.3
H	2.5	+/-0.3
F	2.2	+/-0.1
S	1.3	+/-0.3
B	0.5	+/-0.15
X	0.1	+/-0.1
P	0.9	REF
R	1	REF
T	0.13	REF
A	2.5	MIN
G	2.8	REF
E	2.4	REF

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, KM = Multiple anode, organic cathode, FD= Organic cathode face down terminals T528.

General Information	
Supplier:	KEMET
Part Type Description:	SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200
Construction:	Standard Chip-MnO2

Specifications	
Capacitance:	10 uF
Voltage DC @ 85C:	25V
Voltage DC @ 105C:	20.88V
Voltage DC @ 125C:	16.75V
Tolerance:	+/-10%
Application:	Automotive/High Temp
Temperature Range:	-55/+175C
Body Type:	Molded Chip
ESR:	1.5 Ohm
Footprint:	6032
Termination:	Tin
RoHS:	Yes
Leakage Current:	2.5 uA
Dissipation Factor:	6%
Ripple @ 25C:	0.271 A
Ripple @ 85C:	0.244 A
Ripple @ 105C:	0.176 A
Ripple @ 125C:	0.108 A

Packaging Specifications	
Package Kind:	T&R
Package Size:	7in
Package Quantity:	500