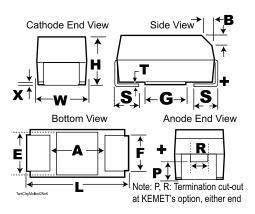
## KEMET Part Number: T499C106K025ATE1K5



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	
Н	2.5	+/-0.3	
F	2.2	+/-0.1	
S	1.3	+/-0.3	
В	0.5	+/-0.15	
Х	0.1	+/-0.1	
Р	0.9	REF	
R	1	REF	
Т	0.13	REF	
A	2.5	MIN	
G	2.8	REF	
E	2.4	REF	

N	0+00	٠
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-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	

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