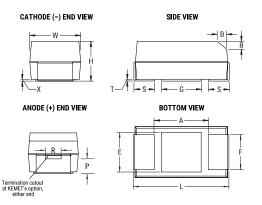
KEMET Part Number: T543B107M006ATW025



T543_COTS, Tantalum, Polymer Tantalum, COTS, 100 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, COTS, Up Screening, N/A, 25 mOhms, 3528, Height Max = 2.1mm



Dimensions		
Footprint	3528	
L	3.5mm +/-0.2mm	
W	2.8mm +/-0.2mm	
Н	1.9mm +/-0.2mm	
Т	0.13mm REF	
S	0.8mm +/-0.3mm	
F	2.2mm +/-0.1mm	
Α	1.9mm MIN	
В	0.4mm +/-0.15mm	
E	2.2mm REF	
G	1.8mm REF	
Р	0.5mm REF	
R	1mm REF	
Х	0.1mm +/-0.1mm	

Packaging Specifications		
Weight:	98.3 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2000	

General Information	
Supplier:	KEMET
Series:	T543_COTS
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, COTS, Up Screening
Features:	Non-Combustible, Up Screening, Low ESR, COTS
RoHS:	Yes
Termination:	Tin
Mataa	In Polarity Stripe, At KEMET's Option, Type May Be Indicated: No Symbol = Standard (Or Low Leakage) MnO2 Tantalum Chip,
Notes:	O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C Rated T498 (or B45196P, B45198P), H = 175C rated T499, M = Multiple Anode
Shelf Life:	ESR T495, F = Fused T496, HT = 150C Rated T498 (or B45196P, B45198P), H = 175C

Specifications	
Capacitance:	100 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C)
Temperature Range:	-55/+105C
Rated Temperature:	105C
Dissipation Factor:	8.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	25 mOhms (100kHz)
Ripple Current:	2254 mA (100kHz 45C)
Leakage Current:	63 uA (5min 25C)
Testing and Reliability:	10 Cycles Surge Current Testing At -55C And +85C

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