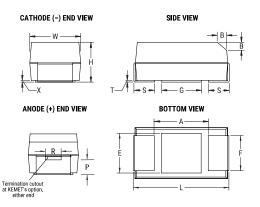
## KEMET Part Number: T543D106K050AHW090



T543\_COTS, Tantalum, Polymer Tantalum, COTS, 10 uF, 10%, 50 VDC, SMD, Polymer, Molded, COTS, Up Screening, N/A, 90 mOhms, 7343, Height Max = 3.1mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	2.8mm +/-0.3mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.4mm +/-0.1mm	
Α	3.8mm MIN	
В	0.5mm +/-0.15mm	
E	3.5mm REF	
G	3.5mm REF	
Р	0.9mm REF	
R	1mm REF	
X	0.1mm +/-0.1mm	

Packaging Specifications		
Weight:	352.36 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Ir	formation
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:	No
Prop 65:	<b>WARNING:</b> Cancer and reproductive harm - www.p65warnings.ca.gov.
REACH:	SVHC (Pb – CAS 7439-92-1)
Termination:	Solder Coated
	In Polarity Stripe, At KEMET's Option, Type May Be Indicated: No Symbol = Standard (Or Low
Notes:	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
Notes: Shelf Life:	O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C Rated T498 (or B45196P, B45198P), H = 175C

Specifications		
Capacitance:	10 uF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC (105C)	
Temperature Range:	-55/+125C	
Rated Temperature:	105C	
Dissipation Factor:	10.00% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	90 mOhms (100kHz)	
Ripple Current:	1581 mA (100kHz 45C)	
Leakage Current:	50 uA (5min 25C)	
Testing and Reliability:	10 Cycles Surge Current Testing At -55C And +85C	

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