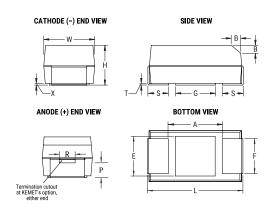
KEMET Part Number: T540D106K050AT6510



T540 HRA, Tantalum, Polymer Tantalum, HRA, 10 uF, 10%, 50 VDC, SMD, Polymer, Molded, High Reliability, N/A, 125 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	
A	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		
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information		
Series:	T540 HRA	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, High Reliability	
Features:	Non-Combustible, Low ESR, High Reliability	
RoHS:	Yes	
Termination:	Tin	
AEC-Q200:	No	
Component Weight:	352.36 mg	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
Capacitance:	10 uF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC (105C), 33.5 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	105°C	
Humidity:	60C, 90% RH, 500 Hours, rated voltage	
Dissipation Factor:	10% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	125 mOhms (100kHz 25C)	
Ripple Current:	1342 mA (rms, 100kHz 45C)	
Leakage Current:	50 uA (5min 25°C)	
Testing and Reliability:	4 Cycles At +25C +/-5C Before Voltage Aging	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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