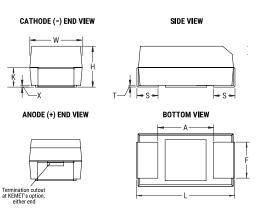
## KEMET Part Number: T545H158M006ATE035 Not for New Design



T545, Tantalum, Polymer Tantalum, 1,500 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low Profile, HiEnergyDensity, 35 mOhms, 7360, Height Max = 2mm



Dimensions	
Footprint	7360
L	7.3mm +/-0.3mm
W	6mm +/-0.3mm
Н	1.9mm +/-0.1mm
т	0.13mm REF
S	1.3mm +/-0.3mm
F	4.1mm +/-0.1mm
Α	3.3mm MIN
X	0.1mm +/-0.1mm

Packaging Specifications		
Weight:	366.62 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	1000	

General Information		
Supplier:	KEMET	
Series:	T545	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low Profile, HiEnergyDensity	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Tin	
Miscellaneous:	Not recommended for new designs. Please use the T520 series instead.	
MSL:	3	

Specifications	
Capacitance:	1,500 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (85C)
Temperature Range:	-55/+85C
Rated Temperature:	85°C
Humidity:	60C, 90% RH, no load, 500 Hours
Dissipation Factor:	20.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	35 mOhms (100kHz 25C)
Ripple Current:	2320 mA (100kHz 45C), 1624 mA (85C)
Leakage Current:	945 uA (5min 25C)

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.

