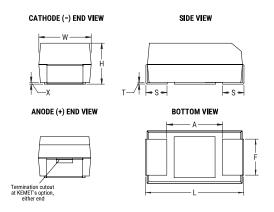
## KEMET Part Number: T545H158M006ATE035 Not for New Design



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	
A	3.3mm MIN	
Х	0.1mm +/-0.1mm	

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

General Information		
Series:	T545	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low Profile, HiEnergyDensity	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Tin	
AEC-Q200:	No	
Miscellaneous:	Not recommended for new designs. Please use the T520 series instead.	
Shelf Life:	52 Weeks	
MSL:	3	

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

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