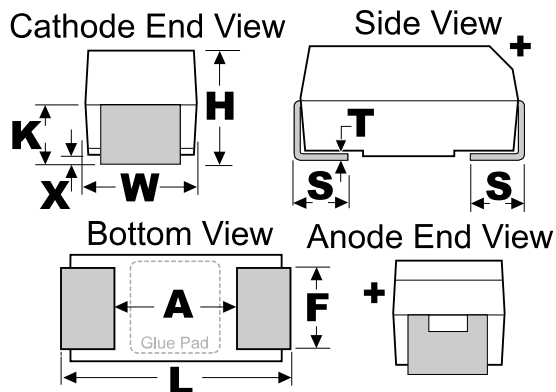


**KEMET Part Number: T545H158M006ATE055**  
(T545H158M006ASE055, T545H158M6R3ATE055)

Tantalum, Polymer Tantalum, KEMET, T545, 1500 uF, 20%, 6.3 V, 7360, SMD, Polymer, Molded, Low Profile, HiEnergyDensity, 55 mOhms, 2mm



General Information	
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Supplier:	KEMET
Series:	T545
Description:	SMD, Polymer, Molded, Low Profile, HiEnergyDensity
Features:	Low ESR
RoHS:	Yes
Termination:	Tin

Dimensions	
Footprint	7360
L	7.3mm +/-0.3mm
W	6mm +/-0.3mm
H	1.9mm +/-0.1mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	4.1mm +/-0.1mm
A	3.3mm MIN
X	0.1mm +/-0.1mm

Specifications	
Capacitance:	1500 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (85C)
Temperature Range:	-55/+85C
Dissipation Factor:	20% 120Hz 25C
Failure Rate:	N/A
Resistance:	55 mOhms (100kHz 25C)
Current:	1850 mAmps (100kHz 45C), 1295 mAmps (85C)
Leakage:	945 uAmps (5min 5C)

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