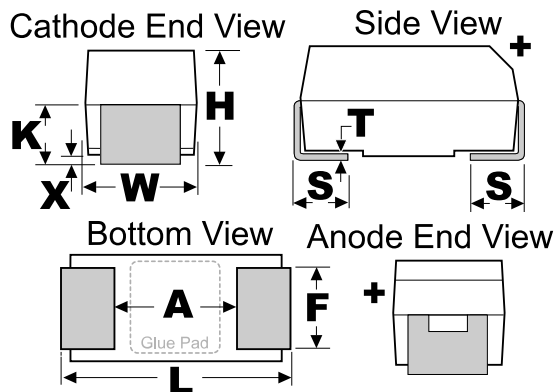


**KEMET Part Number: T520V157M006ATE015**  
(T520V157M006ASE015, T520V157M6R3ATE015)

Tantalum, Polymer Tantalum, KEMET, T520, 150 uF, 20%, 6.3 V, 7343, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 15 mOhms, 1.9mm



General Information	
<b>Dielectric:</b>	Polymer Tantalum
<b>Style:</b>	SMD Chip
<b>Supplier:</b>	KEMET
<b>Series:</b>	T520
<b>Description:</b>	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible
<b>Features:</b>	Low ESR
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin

Dimensions	
<b>Footprint</b>	7343
<b>L</b>	7.3mm +/-0.3mm
<b>W</b>	4.3mm +/-0.3mm
<b>H</b>	1.8mm +/-0.1mm
<b>T</b>	0.13mm REF
<b>S</b>	1.3mm +/-0.3mm
<b>F</b>	2.4mm +/-0.1mm
<b>A</b>	3.6mm MIN
<b>X</b>	0.05mm REF

Specifications	
<b>Capacitance:</b>	150 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	6.3 VDC (105C)
<b>Temperature Range:</b>	-55/+105C
<b>Dissipation Factor:</b>	10% 120Hz 25C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	15 mOhms (100kHz 25C)
<b>Current:</b>	3500 mAmps (100kHz 45C), 2450 mAmps (85C), 1662.5 mAmps (105C)
<b>Leakage:</b>	94.5 uAmps (5min 5C)

Packaging Specifications	
<b>Weight:</b>	274.3 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	1000