

Tantalum, Polymer Tantalum, COTS, T543\_COTS, 10 uF, 20%, 63 V, 7343, SMD, Polymer, Molded, COTS, Up Screening, N/A, 50 mOhms, Height Max = 4.3mm



General Information	
<b>Dielectric:</b>	Polymer Tantalum
<b>Style:</b>	SMD Chip
<b>Series:</b>	T543_COTS
<b>Description:</b>	SMD, Polymer, Molded, COTS, Up Screening
<b>Features:</b>	Non-Combustible, Up Screening, Low ESR, COTS
<b>RoHS:</b>	No
<b>Termination:</b>	Solder Coated
<b>Notes:</b>	In polarity stripe, at KEMET's option, type may be indicated: no symbol = Standard (or low leakage) MnO2 tantalum chip, O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C rated T498 (or B45196P, B45198P), H = 175C rated T499, H2 = 200C rated T50

Dimensions	
<b>Footprint</b>	7343
<b>L</b>	7.3mm +/-0.3mm
<b>W</b>	4.3mm +/-0.3mm
<b>H</b>	4mm +/-0.3mm
<b>T</b>	0.13mm REF
<b>S</b>	1.3mm +/-0.3mm
<b>F</b>	2.4mm +/-0.1mm
<b>A</b>	3.8mm MIN
<b>B</b>	0.5mm +/-0.15mm
<b>E</b>	3.5mm REF
<b>G</b>	3.5mm REF
<b>P</b>	1.7mm REF
<b>R</b>	1mm REF
<b>X</b>	0.1mm +/-0.1mm

Specifications	
<b>Capacitance:</b>	10 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	63 VDC (105C)
<b>Temperature Range:</b>	-55/+105C
<b>Dissipation Factor:</b>	10% 120Hz 25C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	50 mOhms (100kHz)
<b>Current:</b>	1116 mAmps (100kHz 45C)
<b>Leakage Current:</b>	63 uAmps (5min 25C)
<b>Testing and Reliability:</b>	Standard Testing Only

Packaging Specifications	
<b>Weight:</b>	588.16 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	500

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