

Tantalum, Polymer Tantalum, T591, 100 uF, 20%, 10 V, 7343, SMD, Polymer, Molded, Low ESR, 25 mOhms, 3.1mm



General Information	
<b>Dielectric:</b>	Polymer Tantalum
<b>Style:</b>	SMD Chip
<b>Series:</b>	T591
<b>Description:</b>	SMD, Polymer, Molded, Low ESR
<b>Features:</b>	Automotive
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Approvals:</b>	AEC-Q200

Dimensions	
<b>Footprint</b>	7343
<b>L</b>	7.3mm +/-0.3mm
<b>W</b>	4.3mm +/-0.3mm
<b>H</b>	2.8mm +/-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>P</b>	0.9mm REF
<b>R</b>	1mm REF
<b>X</b>	0.1mm +/-0.1mm

Specifications	
<b>Capacitance:</b>	100 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	10 VDC (105C), 6.7 VDC (125C)
<b>Temperature Range:</b>	-55/+125C
<b>Dissipation Factor:</b>	10% 120Hz 25C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	25 mOhms (100kHz 25C)
<b>Current:</b>	3000 mAmps (100kHz 45C), 2700 mAmps (85C), 750 mAmps (125C)
<b>Leakage:</b>	100 uAmps (5min 5C)

Packaging Specifications	
<b>Weight:</b>	434.83 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	500

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