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### General Information

Series	T591
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low ESR
Features	Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200 (Limited 500 Hrs 85C/85% RH/Ur)
Typical Component Weight	434.8 mg
Shelf Life	52 Weeks
MSL	3

### Specifications

Capacitance	10 uF
Tolerance	20%
Voltage DC	35 VDC (105C), 23.45 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Humidity	85C, 85% RH, load, 500 Hours
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	120 mOhms (100kHz 25C)
Ripple Current	1940 mA (rms, 100kHz 45C), 1358 mA (rms, 105C), 485 mA (rms, 125C)
Leakage Current	35 uA (5min 25°C)

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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