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General Information

Series	T495
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low ESR
Features	Low ESR
RoHS	Yes
Termination	Tin
Typical Component Weight	652.04 mg
Shelf Life	156 Weeks
MSL	1

Dimensions	
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.6mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Specifications	
Capacitance	1,000 uF
Tolerance	10%
Voltage DC	2.5 VDC (85C), 1.68 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	15% 120Hz 25C
Failure Rate	N/A
ESR	40 mOhms (100kHz 25C)
Ripple Current	2031 mA (rms, 100kHz 25C), 1827.9 mA (rms, 85C), 812.4 mA (rms, 125C)
Leakage Current	25 uA (5min 25°C)

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

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