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General Information

Series	T494
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Low Profile, Low ESR
Features	Low ESR
RoHS	Yes
Termination	Tin
Typical Component Weight	70 mg
Shelf Life	156 Weeks
MSL	1

Dimensions	
L	6mm +/-0.3mm
W	3.2mm +/-0.2mm
H	1.4mm +/-0.1mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.9mm MIN
E	2.4mm REF
G	2.8mm REF
X	0.05mm REF

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	1000

Specifications	
Capacitance	10 uF
Tolerance	10%
Voltage DC	20 VDC (85C), 13.4 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	0.8 Ohms (100kHz 25C)
Ripple Current	335 mA (rms, 100kHz 25C), 301.5 mA (rms, 85C), 134 mA (rms, 125C)
Leakage Current	2 uA (5min 25°C)

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