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General Information

Series	T494
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low ESR
Features	Low ESR
RoHS	Yes
Termination	Tin
Typical Component Weight	58.6 mg
Shelf Life	156 Weeks
MSL	1

Dimensions

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	1.2mm +/-0.1mm
A	1.2mm MIN
B	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
P	0.4mm REF
R	0.4mm REF
X	0.1mm +/-0.1mm REF

Specifications

Capacitance	10 uF
Tolerance	10%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
ESR	3 Ohms (100kHz 25C)
Ripple Current	158 mA (rms, 100kHz 25C), 142.2 mA (rms, 85C), 63.2 mA (rms, 125C)
Leakage Current	1.6 uA (5min 25°C)

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

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