

T495B476K006ATE250

T495, Tantalum, MnO2 Tantalum, Commercial Grade, 47 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Low ESR, 250 mOhms, 2.1 mm, 1411 / 3528



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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	107.45 mg
Shelf Life	156 Weeks
MSL	1

Dimensions	
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +0.1/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
B	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
P	0.5mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Specifications	
Capacitance	47 uF
Tolerance	10%
Voltage DC	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	250 mOhms (100kHz 25C)
Ripple Current	583 mA (rms, 100kHz 25C), 524.7 mA (rms, 85C), 233.2 mA (rms, 125C)
Leakage Current	3 uA (5min 25°C)

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	2000

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