

Tantalum, MnO2 Tantalum, COTS Multi-Anode, T513_COTS, 680 uF, 10%, 6.3 V, 7360, SMD, MnO2, Molded, Military Equivalent, MAT COTS, A (Non-ER), 23 mOhms, Height Max = 3.8mm



Dimensions

Footprint		7360
L		7.3mm +/-0.3mm
W		6mm +/-0.3mm
H		3.6mm +/-0.2mm
T		0.13mm REF
S		1.3mm +/-0.3mm
F		4.1mm +/-0.1mm
A		3.8mm MIN
B		0.5mm +/-0.15mm
E		3.5mm REF
G		3.5mm REF
P		0.9mm REF
R		1mm REF
X		0.1mm +/-0.1mm

Packaging Specifications

Weight:	500.73 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information

Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Series:	T513_COTS
Description:	SMD, MnO2, Molded, Military Equivalent, MAT COTS
Features:	Multiple Anode, MAT COTS, Low ESR
RoHS:	No
Termination:	Solder Coated
Notes:	In Polarity Stripe, At KEMET's Option, Type May Be Indicated: No Symbol = Standard MnO2 Tantalum Chip, O = Low ESR T494, R = Low ESR T495, F = Fused T496, HT = 150C Rated T498 (or B45196P, B45198P), H = 175C Rated T499, M = Multiple Anode Construction T51

Specifications

Capacitance:	680 uF
Capacitance Tolerance:	10%
Voltage DC:	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	6%
Failure Rate:	A (Non-ER)
Resistance:	23 mOhms (100kHz 20C)
Leakage Current:	42.8 uAmps (20C)
Testing and Reliability:	Standard Testing Only

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