

Tantalum, MnO2 Tantalum, COTS Multi-Anode, T513\_COTS, 470 uF, 10%, 6.3 V, 7343, SMD, MnO2, Molded, Military Equivalent, MAT COTS, A (Non-ER), 30 mOhms, Height Max = 4.3mm



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 (Or Low Leakage) 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, H2 = 200C Rated T5

Dimensions	
Footprint	7343
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	3.8mm 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

Specifications	
Capacitance:	470 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:	30 mOhms (100kHz 20C)
Leakage Current:	29.6 uAmps (20C)
Testing and Reliability:	Standard Testing Only

Packaging Specifications	
Weight:	430.15 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

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