

T543_COTS, Tantalum, Polymer Tantalum, COTS, 33 uF, 10%, 50 VDC, SMD, Polymer, Molded, COTS, Up Screening, N/A, 40 mOhms, 7343, Height Max = 4.3mm



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

Packaging Specifications	
Weight:	588.16 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information	
Supplier:	KEMET
Series:	T543_COTS
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, COTS, Up Screening
Features:	Non-Combustible, Up Screening, Low ESR, COTS
RoHS:	Yes
Termination:	Tin
Notes:	In polarity stripe, at KEMET's option, type may be indicated: no symbol = Standard (or low leakage) MnO2 tantalum chip, O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C rated T498 (or B45196P, B45198P), H = 175C rated T499, H2 = 200C rated T50
Shelf Life:	52 Weeks
MSL:	3

Specifications	
Capacitance:	33 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC (105C)
Temperature Range:	-55/+125C
Rated Temperature:	105°C
Humidity:	60C, 90% RH, 500 Hours
Dissipation Factor:	10.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	40 mOhms (100kHz)
Ripple Current:	2485 mA (100kHz 45C)
Leakage Current:	165 uA (5min 25C)
Testing and Reliability:	10 Cycles Surge Current Testing At -55C And +85C

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