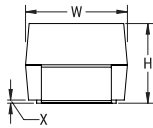


KEMET Part Number: T541X477M006AH6510
(04052-033)

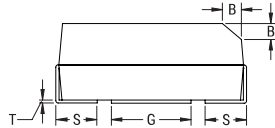


T541_COTS, Tantalum, Polymer Tantalum, COTS Multi-Anode, 470 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, COTS, Multi-Anode, Low ESR, N/A, 10 mOhms, 7343, Height Max = 4.3mm

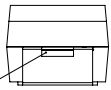
CATHODE (-) END VIEW



SIDE VIEW

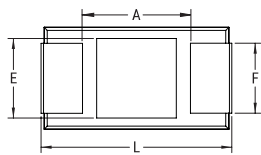


ANODE (+) END VIEW



Termination cutout at KEMET's option, either end.

BOTTOM VIEW



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:	410.89 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information

Supplier:	KEMET
Series:	T541_COTS
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, COTS, Multi-Anode, Low ESR
Features:	Non-Combustible, Multiple Anode, Low ESR, COTS
RoHS:	No
Termination:	Solder Coated
Qualifications:	DLA Drawing 04052
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:	470 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C), 4.22 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	105C
Dissipation Factor:	10.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	10 mOhms (100kHz 25C)
Ripple Current:	5196 mA (100kHz 45C)
Leakage Current:	296 uA (5min 25C)
Testing and Reliability:	4 Cycles At +25C +/-5C Before Voltage Aging

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