

KEMET Part Number: T541X157M016AH6710
(04052-053B, DLA Drawing 04052-053B)



T541 HRA, Tantalum, Polymer Tantalum, HRA Multi-Anode, 150 uF, 20%, 16 VDC, SMD, Polymer, Molded, High Reliability, Multi-Anode, Low ESR, 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:	410.89 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information	
Series:	T541 HRA
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, High Reliability, Multi-Anode, Low ESR
Features:	Non-Combustible, Multiple Anode, Low ESR, High Reliability
RoHS:	No
Prop 65:	⚠ WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov .
REACH:	SVHC (Pb - CAS 7439-92-1)
Termination:	Solder Coated
Qualifications:	DLA Drawing 04052
AEC-Q200:	No
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:	150 uF
Capacitance Tolerance:	20%
Voltage DC:	16 VDC (105C), 10.72 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	105°C
Humidity:	60C, 90% RH, 500 Hours, rated voltage
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	40 mOhms (100kHz 25C)
Ripple Current:	2598 mA (rms, 100kHz 45C)
Leakage Current:	240 uA (5min 25°C)

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