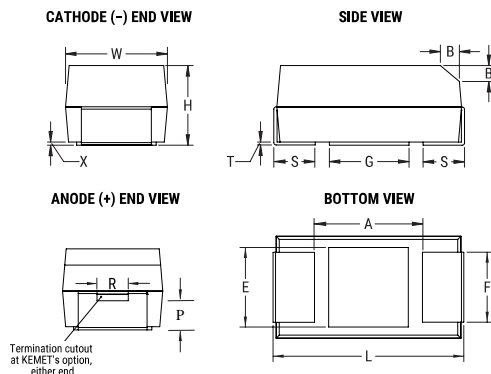


**KEMET Part Number: T540D106M050AH6710**  
(04051-047B)



T540\_COTS, Tantalum, Polymer Tantalum, COTS, 10 uF, 20%, 50 VDC, SMD, Polymer, Molded, COTS, N/A, 125 mOhms, 7343, Height Max = 3.1mm



### Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-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	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

### Packaging Specifications

Weight:	352.36 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

### General Information

Supplier:	KEMET
Series:	T540_COTS
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, COTS
Features:	Non-Combustible, Low ESR, COTS
RoHS:	No
Prop 65:	<b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
REACH:	SVHC (Pb - CAS 7439-92-1)
Termination:	Solder Coated
Qualifications:	DLA Drawing 04051
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, M = Multiple Anode
Shelf Life:	52 Weeks
MSL:	3

### Specifications

Capacitance:	10 uF
Capacitance Tolerance:	20%
Voltage DC:	50 VDC (105C), 33.5 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	105°C
Humidity:	60C, 90% RH, 500 Hours, rated voltage
Dissipation Factor:	10.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	125 mOhms (100kHz 25C)
Ripple Current:	1342 mA (100kHz 45C)
Leakage Current:	50 uA (5min 25°C)
Testing and Reliability:	10 Cycles Surge Current Testing At -55C +0C/-5C And +85C +/-5C After Voltage Aging

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

