KEMET Part Number: T540D106M050AH6710
(04051-047B)

Electronic Components

KEMET

CHARGED.®

Tantalum, Polymer Tantalum, COTS, T540_COTS, 10 uF, 20%, 50 V, 7343, SMD, Polymer, Molded, COTS, N/A, 125 mOhms, 3.1mm

Cathode End View Side View

Bottom View Anode End View

Glue Pad

Note: P, R: Termination cut-out at KEMET's option, either end

TantChipMolded2NoK

General Information

Dielectric:	Polymer Tantalum
Style:	SMD Chip
Series:	T540_COTS
Description:	SMD, Polymer, Molded, COTS
Features:	Non-Combustible, Low ESR, COTS
RoHS:	No
Termination:	Solder Coated
Approvals:	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

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

Specifications

Capacitance:	10 uF
Capacitance Tolerance:	20%
Voltage DC:	50 VDC (85C), 33.5 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	125 mOhms (100kHz 25C)
Current:	1342 mAmps (100kHz 45C)
Leakage:	50 uAmps (5min 5C)
Testing and Reliability:	10 Cycles Surge Current Testing At -55C +0C/-5C And +85C +/-5C After Voltage Aging

Packaging Specifications

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

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