

T540D156K025BH8710

T540 HRA, Tantalum, Polymer Tantalum, HRA, 15 uF, 10%, 25 VDC, SMD, Polymer, Molded, High Reliability, B (0.1%/1000 Hrs), 100 mOhms, 7343, Height Max = 3.1mm

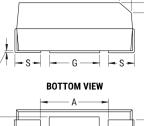
CATHODE (-) END VIEW

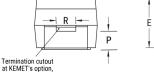


B

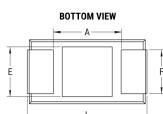


ANODE (+) END VIEW





т



at KEMET's option,	
either end	

Click here for the 3D model.

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	2.8mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
А	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

General Informatio	n
Series	T540 HRA
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, High Reliability
Features	Non-Combustible, Low ESR, High Reliability
RoHS	No
Prop 65	A WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.
SCIP Number	b064b03e-bd75-42af-b342-1fe94dec2340
Termination	Solder Coated
AEC-Q200	No
Component Weight	352.36 mg
Shelf Life	52 Weeks
MSL	3

Capacitance Tolerance15 uFCapacitance Tolerance10%Voltage DC25 VDC (105C), 16.75 VDC (125C)Temperature Range-55/+125°CRated Temperature105°CHumidity85C, 85% RH, 1000 Hours, rated voltageDissipation Factor10% 120Hz 25CFailure RateB (0.1%/1000 Hrs)Resistance100 mOhms (100kHz 25C)Ripple Current1500 mA (rms, 100kHz 45C)Leakage Current38 uA (5min 25°C)		
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Tolerance10%Voltage DC25 VDC (105C), 16.75 VDC (125C)Temperature Range-55/+125°CRated Temperature105°CHumidity85C, 85% RH, 1000 Hours, rated voltageDissipation Factor10% 120Hz 25CFailure RateB (0.1%/1000 Hrs)Resistance100 mOhms (100kHz 25C)Ripple Current1500 mA (rms, 100kHz 45C)Leakage Current38 uA (5min 25°C)	Capacitance	15 uF
Temperature Range-55/+125°CRated Temperature105°CHumidity85C, 85% RH, 1000 Hours, rated voltageDissipation Factor10% 120Hz 25CFailure RateB (0.1%/1000 Hrs)Resistance100 mOhms (100kHz 25C)Ripple Current1500 mA (rms, 100kHz 45C)Leakage Current38 uA (5min 25°C)		10%
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Failure RateB (0.1%/1000 Hrs)Resistance100 mOhms (100kHz 25C)Ripple Current1500 mA (rms, 100kHz 45C)Leakage Current38 uA (5min 25°C)	Humidity	85C, 85% RH, 1000 Hours, rated voltage
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Ripple Current1500 mA (rms, 100kHz 45C)Leakage Current38 uA (5min 25°C)	Failure Rate	B (0.1%/1000 Hrs)
Leakage Current 38 uA (5min 25°C)	Resistance	100 mOhms (100kHz 25C)
	Ripple Current	1500 mA (rms, 100kHz 45C)
	Leakage Current	38 uA (5min 25°C)
Testing and10 Cycles At -55C +0C/-5C and 85C +/-5C &ReliabilityImproved Humidity Capability		

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