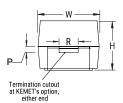


## T540D336M020BH6510

T540 HRA, Tantalum, Polymer Tantalum, HRA, 33 uF, 20%, 20 VDC, SMD, Polymer, Molded, High Reliability, B (0.1%/1000 Hrs), 75 mOhms, 7343, 3.1 mm, 1.3 mm

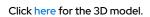
CATHODE (-) END VIEW



ANODE (+) END VIEW

B - S -- |- S-— G -BOTTOM VIEW ٠A pad shape/design at KEMET's option

SIDE VIEW



General Information	
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	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /
SCIP Number	b064b03e-bd75-42af-b342-1fe 94dec2340
Termination	Tin Lead (SnPb)
AEC-Q200	No
Typical Component Weight	352.36 mg
Shelf Life	52 Weeks
MSL	3

Dimensions	
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
A	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 REF

0.9mm REF	) 9mm PEE	ESR
	<b>Ripple Current</b>	
	1mm REF	Leakage Current
	0.1mm +/-0.1mm REF	5
		Testing and Reliab
ons		
	T&R, 178mm	

Specifications	
Capacitance	33 uF
Tolerance	20%
Voltage DC	20 VDC (105C), 13.4 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Life	2000 Hrs (125C)
Humidity	60C, 90% RH, 500 Hours, rated voltage
Dissipation Factor	10% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
ESR	75 mOhms (100kHz 25C)
Ripple Current	1732 mA (rms, 100kHz 45C)
Leakage Current	66 uA (5min 25°C)
Testing and Reliability	4 Cycles At +25C +/-5C Before Voltage Aging

**Packaging Specificatio** Packaging Packaging Quantity 500

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