

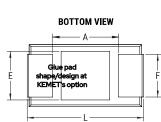
T513X227K016BH6320

T513 HRA, Tantalum, MnO2 Tantalum, HRA Multi-Anode, 220 uF, 10%, 16 VDC, SMD, MnO2, Molded, Military Equivalent, MAT High Reliability, B (0.1%/1000 Hrs), 25 mOhms, 7343, 4.3 mm, 1.3 mm

CATHODE (-) END VIEW SIDE VIEW W Ĥ - S --| |- S -— G – Termination cutout at KEMET's option, either end ANODE (+) END VIEW ٠A



P-



ΗB

Click here for the 3D model.

General Information	
Series	T513 HRA
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Military Equivalent, MAT High Reliability
Features	Low ESR
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	430.15 mg

Dimensions	
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	4mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
Α	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Р	1.7mm REF
R	1mm REF
Х	0.1mm +/-0.1mm REF

Specifications	
Capacitance	220 uF
Tolerance	10%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	10% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
ESR	25 mOhms (100kHz 25C)
Ripple Current	2570 mA (rms, 100kHz 25C)
Leakage Current	35.2 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C After Weibull

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

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