

T493B225K025BH6410

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 2.2 uF, 10%, 25 VDC, SMD, MnO2, Molded, High Reliability, B (0.1%/1000 Hrs), 4.5 Ohms, 3528, Height Max = 2.1 mm

CATHODE (-) END VIEW SIDE VIEW ANODE (+) END VIEW BOTTOM VIEW F

Click here for the 3D model.

Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
Н	1.9mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
Α	1.9mm MIN
В	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
Р	0.35mm MIN
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	2000

General Information		
Series	T493 HRA	
Dielectric	MnO2 Tantalum	
Style	SMD Chip	
Description	SMD, MnO2, Molded, High Reliability	
Features	High Reliability	
RoHS	No	
Prop 65	▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.	
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa	
Termination	Solder Coated	
AEC-Q200	No	
Component Weight	102.3 mg	
Notes	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).	

Specifications	
Capacitance	2.2 uF
Capacitance Tolerance	10%
Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
Resistance	4.5 Ohms (100kHz 25C)
Ripple Current	129 mA (rms, 100kHz 25C)
Leakage Current	0.6 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C Before Weibull

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