

T493B335K020CB6110

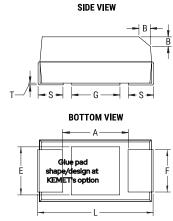
T493 HRA, Tantalum, MnO2 Tantalum, HRA, 3.3 uF, 10%, 20 VDC, SMD, MnO2, Molded, High Reliability, C (0.01%/1000 Hrs), 3.5 Ohms, 3528, 2.1 mm, 0.8 mm

CATHODE (-) END VIEW



ANODE (+) END VIEW

R



Click here for the 3D model.

General Information	
Series	T493 HRA
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, High Reliability
Features	High Reliability
RoHS	Yes
Termination	Gold
AEC-Q200	No
Typical 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).

Dimensions	
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
A	1.9mm MIN
В	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
Р	0.35mm MIN
R	1mm REF
Х	0.1mm +/-0.1mm REF

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

Specifications	
Capacitance	3.3 uF
Tolerance	10%
Voltage DC	20 VDC (85C), 13.4 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	3.5 Ohms (100kHz 25C)
Ripple Current	156 mA (rms, 100kHz 25C)
Leakage Current	0.7 uA (5min 25°C)
Testing and Reliability	Standard Testing Only

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