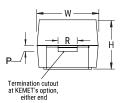


T493D107M010CK6410

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 100 uF, 20%, 10 VDC, SMD, MnO2, Molded, High Reliability, C (0.01%/1000 Hrs), 700 mOhms, 7343, 3.1 mm, 1.3 mm

CATHODE (-) END VIEW



ANODE (+) END VIEW

BOTTOM VIEW

SIDE VIEW

ΗB

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	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /
SCIP Number	656db0b8-8445-4117-82f2-2f12 e764f0b1
Termination	Solder Fused
AEC-Q200	No
Typical Component Weight	412.33 mg
Notes	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).

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	0.5mm MIN
R	1mm REF
х	0.1mm +/-0.1mm REF

Specifications	
Capacitance	100 uF
Tolerance	20%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	8% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	0.7 Ohms (100kHz 25C)
Ripple Current	463 mA (rms, 100kHz 25C)
Leakage Current	10 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C Before Weibull

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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