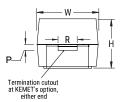


T493D476K010CH6410

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 47 uF, 10%, 10 VDC, SMD, MnO2, Molded, High Reliability, C (0.01%/1000 Hrs), 800 mOhms, 7343, 3.1 mm, 1.3 mm

CATHODE (-) END VIEW

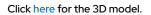


ANODE (+) END VIEW

BOTTOM VIEW

SIDE VIEW

B



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	1dd2e1b8-26dd-4d52-927c-6f9 d519011aa
Termination	Tin Lead (SnPb)
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	47 uF
Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	0.8 Ohms (100kHz 25C)
Ripple Current	433 mA (rms, 100kHz 25C)
Leakage Current	4.7 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C Before Weibull

Packaging SpecificationsPackagingT&R,178mmPackaging Quantity500

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