

## T493X476K020BT6420

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 47 uF, 10%, 20 VDC, SMD, MnO2, Molded, High Reliability, B (0.1%/1000 Hrs), 150 mOhms, 7343, Height Max = 4.3mm

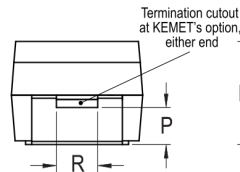
CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



Click [here](#) for the 3D model.

### Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

### General Information

Series	T493 HRA
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, High Reliability
Features	High Reliability
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	654.04 mg

### Specifications

Capacitance	47 uF
Capacitance Tolerance	10%
Voltage DC	20 VDC (85C), 13.4 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	4% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
Resistance	0.15 Ohms (100kHz 25C)
Leakage Current	9.4 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C Before Weibull

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