

# T493D476M020BC6420

Aliases (DLA Drawing 07016-102MBCC)

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 47 uF, 20%, 20 VDC, SMD, MnO2, Molded, DLA Drawing, B (0.1%/1000 Hrs), 200 mOhms, 7343, 3.1 mm, 1.3 mm



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

## General Information

Series	T493 HRA
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, DLA Drawing
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	652b281f-d242-4453-bc44-0655d646cec3
Termination	Hot Solder Dipped
AEC-Q200	No
Typical Component Weight	412.33 mg

## Specifications

Capacitance	47 uF
Tolerance	20%
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	B (0.1%/1000 Hrs)
ESR	0.2 Ohms (100kHz 25C)
Ripple Current	866 mA (rms, 100kHz 25C)
Leakage Current	9.4 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C Before Weibull

## Dimensions

L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-0.3mm
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm

## Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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