

T491V476M016AT

T491, Tantalum, MnO2 Tantalum, 47 uF, 20%, 16 VDC, SMD, MnO2, Molded, Low Profile, 700 mOhms, 7343, Height Max = 2mm

CATHODE (-) END VIEW SIDE VIEW ANODE (+) END VIEW BOTTOM VIEW Termination cutoff at KEMET's option, either end

Click here for the 3D model.

Dimensions	,
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	1.8mm +/-0.2mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
Α	3.6mm MIN
E	3.5mm REF
G	3.5mm REF
Χ	0.05mm REF

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	1000

General Information	
Series	T491
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low Profile
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	286.4 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	47 uF
Capacitance Tolerance	20%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
Resistance	0.7 Ohms (100kHz 25C)
Ripple Current	423 mA (rms, 100kHz 25C), 380.7 mA (rms, 85C), 169.2 mA (rms, 125C)
Leakage Current	7.5 uA (5min 25°C)

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