

T494T106M010AT

T494, Tantalum, MnO2 Tantalum, 10 uF, 20%, 10 VDC, SMD, MnO2, Molded, Low Profile, Low ESR, 3.5 Ohms, 3528, Height Max = 1.2mm

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

Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
Н	1.1mm +/-0.1mm
Т	0.13mm REF
S	0.8mm +0.1/-0.3mm
F	2.2mm +/-0.1mm
Α	1.9mm MIN
E	2.2mm REF
G	1.8mm REF
X	0.05mm REF

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	3000

General Information	
Series	T494
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low Profile, Low ESR
Features	Low ESR
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	63.89 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	10 uF
Capacitance Tolerance	20%
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	N/A
Resistance	3.5 Ohms (100kHz 25C)
Ripple Current	141 mA (rms, 100kHz 25C), 126.9 mA (rms, 85C), 56.4 mA (rms, 125C)
Leakage Current	1 uA (5min 25°C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.