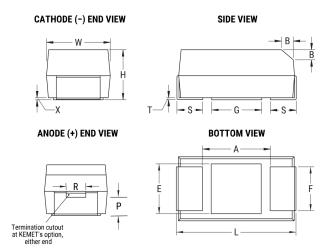


T496D475K035ATE1K5

T496, Tantalum, MnO2 Tantalum, Fused, 4.7 uF, 10%, 35 VDC, SMD, MnO2, Molded, Fused, N/A, 1.5 Ohms, 7343, Height Max = 3.1mm



Click here for the 3D model.

Dimensions	
Footprint	7343
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
Α	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Р	0.9mm REF
R	1mm REF
Χ	0.1mm +/-0.1mm

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

General Information	
Series	T496
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Fused
Features	Integral Fuse
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	446.84 mg
Shelf Life	156 Weeks
MSL	1

Capacitance 4.7 uF Capacitance Tolerance 10% Voltage DC 35 VDC (85C), 23.45 VDC (125C) Temperature Range -55/+125°C Rated Temperature 85°C Dissipation Factor 6% 120Hz 25C Failure Rate N/A Resistance 1500 mOhms (100kHz 25C) Ripple Current 316 mA (rms, 100kHz 25C), 284.4 mA (rms, 85C), 126.4 mA (rms, 125C)	Specifications	
Tolerance IO% Voltage DC 35 VDC (85C), 23.45 VDC (125C) Temperature Range -55/+125°C Rated Temperature 85°C Dissipation Factor 6% 120Hz 25C Failure Rate N/A Resistance 1500 mOhms (100kHz 25C) Pipple Current 316 mA (rms, 100kHz 25C), 284.4 mA (rms, 100kHz 25C)	•	4.7 uF
Temperature Range -55/+125°C Rated Temperature 85°C Dissipation Factor 6% 120Hz 25C Failure Rate N/A Resistance 1500 mOhms (100kHz 25C) Pipple Current 316 mA (rms, 100kHz 25C), 284.4 mA (rms,		10%
Range Rated Temperature Dissipation Factor Failure Rate N/A Resistance Re	Voltage DC	35 VDC (85C), 23.45 VDC (125C)
Temperature Dissipation Factor 6% 120Hz 25C Failure Rate N/A Resistance 1500 mOhms (100kHz 25C) Pipple Current 316 mA (rms, 100kHz 25C), 284.4 mA (rms,		-55/+125°C
Failure Rate N/A Resistance 1500 mOhms (100kHz 25C) Pipple Current 316 mA (rms, 100kHz 25C), 284.4 mA (rms,		85°C
Resistance 1500 mOhms (100kHz 25C) Ripple Current 316 mA (rms, 100kHz 25C), 284.4 mA (rms,	Dissipation Factor	6% 120Hz 25C
Ripple Current 316 mA (rms, 100kHz 25C), 284.4 mA (rms,	Failure Rate	N/A
	Resistance	1500 mOhms (100kHz 25C)
	Ripple Current	
Leakage Current 1.6 uA (5min 25°C)	Leakage Current	1.6 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.