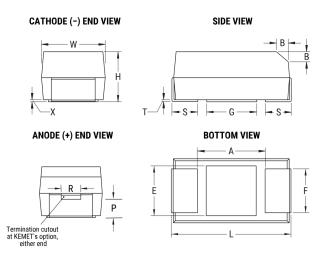


T489D476M025ATA540

T489 Auto, Tantalum, MnO2 Tantalum, 47 uF, 20%, 25 VDC, SMD, MnO2, Molded, Low Leakage, Auto, AEC-Q200, 540 mOhms, 7343, Height Max = 31mm



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
Е	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	T489 Auto
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low Leakage, Auto, AEC-Q200
Features	Low Leakage, Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	446.844 mg

Capacitance 47 uF Capacitance Tolerance 20% Voltage DC 25 VDC (85C), 16.75 VDC (125C) Temperature Range -55/+125°C Rated Temperature 85°C Dissipation Factor 6% 120Hz 25C Failure Rate N/A Resistance 540 mOhms (100kHz 25C) Ripple Current 527 mA (rms, 100kHz 25C)	Specifications	
Voltage DC 25 VDC (85C), 16.75 VDC (125C) Temperature Range -55/+125°C Rated Temperature 85°C Dissipation Factor 6% 120Hz 25C Failure Rate N/A Resistance 540 mOhms (100kHz 25C) Ripple Current 527 mA (rms, 100kHz 25C)	Capacitance	47 uF
Temperature Range -55/+125°C Rated Temperature 85°C Dissipation Factor 6% 120Hz 25C Failure Rate N/A Resistance 540 mOhms (100kHz 25C) Ripple Current 527 mA (rms, 100kHz 25C)	Capacitance Tolerance	20%
Rated Temperature 85°C Dissipation Factor 6% 120Hz 25C Failure Rate N/A Resistance 540 mOhms (100kHz 25C) Ripple Current 527 mA (rms, 100kHz 25C)	Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Dissipation Factor 6% 120Hz 25C Failure Rate N/A Resistance 540 mOhms (100kHz 25C) Ripple Current 527 mA (rms, 100kHz 25C)	Temperature Range	-55/+125°C
Failure Rate N/A Resistance 540 mOhms (100kHz 25C) Ripple Current 527 mA (rms, 100kHz 25C)	Rated Temperature	85°C
Resistance 540 mOhms (100kHz 25C) Ripple Current 527 mA (rms, 100kHz 25C)	Dissipation Factor	6% 120Hz 25C
Ripple Current 527 mA (rms, 100kHz 25C)	Failure Rate	N/A
	Resistance	540 mOhms (100kHz 25C)
	Ripple Current	527 mA (rms, 100kHz 25C)
Leakage Current 8.8 uA (5min 25°C)	Leakage Current	8.8 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.