

T498C475M020ATE1K7

T498, Tantalum, MnO₂ Tantalum, High Temperature, 4.7 uF, 20%, 20 VDC, SMD, MnO₂, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 1.7 Ohms, 6032, Height Max = 2.8mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



Termination cutout at KEMET's option, either end

BOTTOM VIEW



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

General Information

Series	T498
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Hi-Temp, 150C, Auto, AEC-Q200
Features	Automotive, 150C
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	224.48 mg
Shelf Life	156 Weeks
MSL	1

Specifications

Capacitance	4.7 uF
Capacitance Tolerance	20%
Voltage DC	20 VDC (85C), 16 VDC (125C), 13.4 VDC (150C)
Temperature Range	-55/+150°C
Rated Temperature	85°C
Dissipation Factor	4.5% 120Hz 25C
Failure Rate	N/A
Resistance	1700 mOhms (100kHz 25C)
Ripple Current	254 mA (rms, 100kHz 25C), 228.6 mA (rms, 85C), 76.2 mA (rms, 150C)
Leakage Current	0.9 uA (5min 25°C)

Dimensions

Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	3.1mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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.