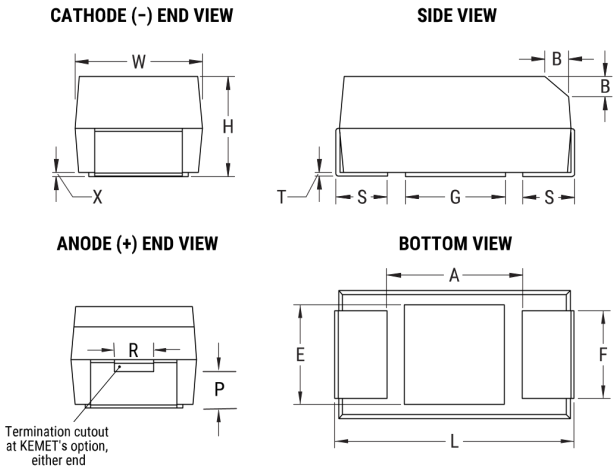
T498X107K016ATE075

T498, Tantalum, MnO2 Tantalum, High Temperature, 100 uF, 10%, 16 VDC, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 75 mOhms, 7343, Height Max = 4.3mm



Click here for the 3D model.

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

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

General Information	
Series	T498
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200
Features	Automotive, 150C
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	652.04 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	100 uF
Capacitance Tolerance	10%
Voltage DC	16 VDC (85C), 12.75 VDC (125C), 10.72 VDC (150C)
Temperature Range	-55/+150°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
Resistance	75 mOhms (100kHz 25C)
Ripple Current	1483 mA (rms, 100kHz 25C), 1334.7 mA (rms, 85C), 444.9 mA (rms, 150C)
Leakage Current	16 uA (5min 25°C)

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