

T498C475K020ATE1K77280

T498

MnO2 Tantalum

SMD, MnO2, Molded, Hi-Temp, 150C, Auto,

SMD Chip

General Information

Series

Style

Dielectric

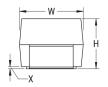
Description

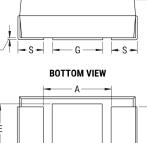
T498, Tantalum, MnO2 Tantalum, High Temperature, 4.7 uF, 10%, 20 VDC, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 1.7 Ohms, 6032, Height Max = 2.8mm

CATHODE (-) END VIEW

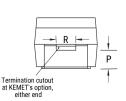


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Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
Н	2.5mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
А	3.1mm MIN
В	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

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Description	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	10%
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)

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	3000

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