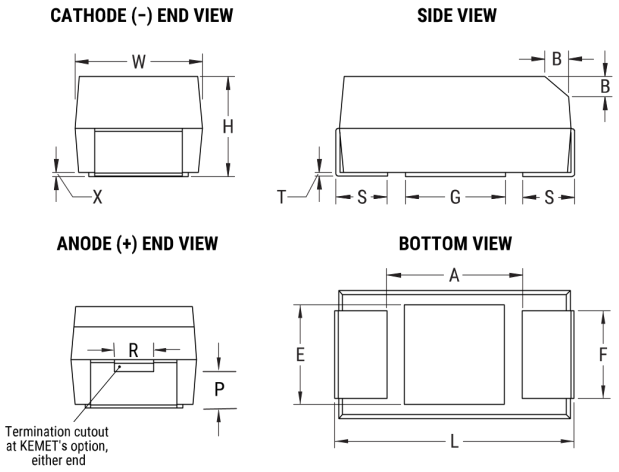
T498B475M020ATE1K9

T498, Tantalum, MnO2 Tantalum, High Temperature, 4.7 uF, 20%, 20 VDC, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 1.9 Ohms, 3528, Height Max = 2.1mm



Click here for the 3D model.

Dimensions

Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
B	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
P	0.5mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

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	107.45 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	1900 mOhms (100kHz 25C)
Ripple Current	212 mA (rms, 100kHz 25C), 190.8 mA (rms, 85C), 63.6 mA (rms, 150C)
Leakage Current	0.9 uA (5min 25°C)