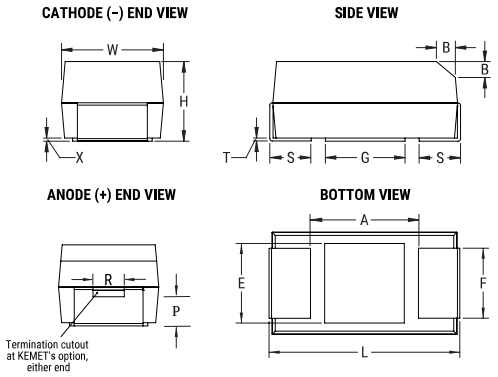
KEMET Part Number: T499C475K020ATE2K4

T499, Tantalum, MnO2 Tantalum, High Temperature, 4.7 uF, 10%, 20 VDC, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, N/A, 2.4 Ohms, 6032, Height Max = 2.8mm



General Information	
Supplier:	KEMET
Series:	T499
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200
Features:	Automotive, 175C
RoHS:	Yes
Termination:	Tin
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Shelf Life:	156 Weeks
MSL:	1

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

Specifications	
Capacitance:	4.7 uF
Capacitance Tolerance:	10%
Voltage DC:	20 VDC (85C), 15.56 VDC (125C), 6.7 VDC (175C)
Temperature Range:	-55/+175C
Rated Temperature:	85C
Dissipation Factor:	6.00% 120Hz 20C
Failure Rate:	N/A
Resistance:	2400 mOhms (100kHz)
Ripple Current:	214 mAmps (100kHz 25C), 192.6 mAmps (85C), 42.8 mAmps (175C)
Leakage Current:	0.9 uA (5min 20C)

Packaging Specifications	
Weight:	224.48 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

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