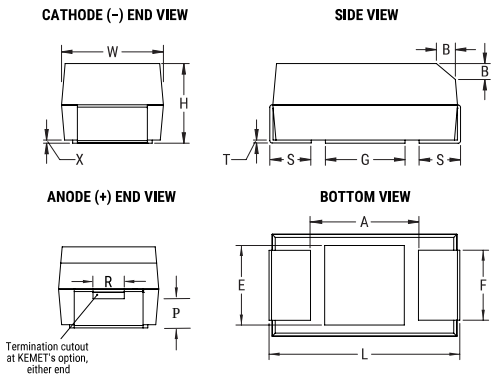
KEMET Part Number: T494A685M010AT

T494, Tantalum, MnO2 Tantalum, 6.8 uF, 20%, 10 VDC, SMD, MnO2, Molded, Low ESR, 3 Ohms, 3216, Height Max = 1.8mm



General Information	
Series:	T494
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Low ESR
Features:	Low ESR
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Shelf Life:	156 Weeks
MSL:	1

Dimensions	
Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	1.2mm +/-0.1mm
A	1.2mm MIN
B	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
P	0.4mm REF
R	0.4mm REF
X	0.1mm +/-0.1mm

Specifications	
Capacitance:	6.8 uF
Capacitance Tolerance:	20%
Voltage DC:	10 VDC (85C), 6.7 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	N/A
Resistance:	3 Ohms (100kHz 25C)
Ripple Current:	158 mA (rms, 100kHz 25C), 142.2 mA (rms, 85C), 63.2 mA (rms, 125C)
Leakage Current:	0.7 uA (5min 25°C)

Packaging Specifications	
Weight:	58.6 mg
Packaging:	T&R, 178mm
Packaging Quantity:	2000

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