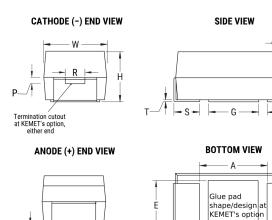


T495B685M016ATE1K2

T495, Tantalum, MnO2 Tantalum, Commercial Grade, 6.8 uF, 20%, 16 VDC, SMD, MnO2, Molded, Low ESR, 1.2 Ohms, 3528, 2.1mm



Click	horo	for	the	3D	model

Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
Н	1.9mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +0.1/-0.3mm
F	2.2mm +/-0.1mm
Α	1.9mm MIN
В	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
Р	0.5mm REF
R	1mm REF
Χ	0.1mm +/-0.1mm REF

Packaging Specifications			
Packaging	T&R, 178mm		
Packaging Quantity	2000		

General Information	
Series	T495
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low ESR
Features	Low ESR
RoHS	Yes
Termination	Tin
AEC-Q200	No
Typical Component Weight	107.45 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	6.8 uF
Capacitance Tolerance	20%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	1200 mOhms (100kHz 25C)
Ripple Current	266 mA (rms, 100kHz 25C), 239.4 mA (rms, 85C), 106.4 mA (rms, 125C)
Leakage Current	1.1 uA (5min 25°C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.