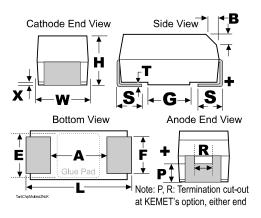
## KEMET Part Number: T490A107M006ATE500



Tantalum, MnO2 Tantalum, Consumer, T490, 100 uF, 20%, 6.3 V, 3216, SMD, MnO2, Molded, Consumer, 500 mOhms, Height Max = 1.8mm



Dimensions		
Footprint	3216	
L	3.2mm +/-0.2mm	
W	1.6mm +/-0.2mm	
Н	1.6mm +/-0.2mm	
Т	0.13mm REF	
S	0.8mm +0.2/-0.3mm	
F	1.2mm +/-0.1mm	
Α	1.2mm MIN	
В	0.4mm +/-0.15mm	
E	1.3mm REF	
G	1.1mm REF	
P	0.4mm REF	
R	0.4mm REF	
Х	0.1mm +/-0.1mm	

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

General Information		
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Series:	T490	
Description:	SMD, MnO2, Molded, Consumer	
RoHS:	Yes	
Termination:	Tin	

Specifications		
Capacitance:	100 uF	
Capacitance Tolerance:	20%	
Voltage DC:	6.3 VDC (40C), 3.15 VDC (85C), 1.26 VDC (125C)	
Temperature Range:	-55/+125C	
Failure Rate:	N/A	
Resistance:	0.5 Ohms (100kHz)	
Current:	387 mAmps (100kHz 25C), 348.3 mAmps (40C), 154.8 mAmps (125C)	
Leakage Current:	6 uAmps (5min 20C)	

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.

