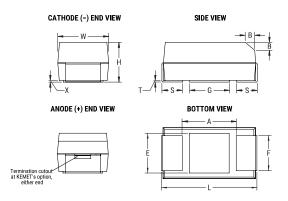
KEMET Part Number: T494A475K016AH



T494, Tantalum, MnO2 Tantalum, 4.7 uF, 10%, 16 VDC, SMD, MnO2, Molded, Low ESR, 3 Ohms, 3216, 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	
A	1.2mm MIN	
В	0.4mm +/-0.15mm	
E	1.3mm REF	
G	1.1mm REF	
Р	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	
Supplier:	KEMET
Series:	T494
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Low ESR
Features:	Low ESR
RoHS:	No
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.
REACH:	SVHC (Pb – CAS 7439-92-1)
Termination:	Solder Coated
Shelf Life:	156 Weeks
MSL:	1

Specifications		
Capacitance:	4.7 uF	
Capacitance Tolerance:	10%	
Voltage DC:	16 VDC (85C), 10.72 VDC (125C)	
Temperature Range:	-55/+125C	
Rated Temperature:	85C	
Dissipation Factor:	6.00% 120Hz 20C	
Failure Rate:	N/A	
Resistance:	3 Ohms (100kHz)	
Ripple Current:	158 mAmps (100kHz 25C), 142.2 mAmps (85C), 63.2 mAmps (125C)	
Leakage Current:	0.8 uA (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.

