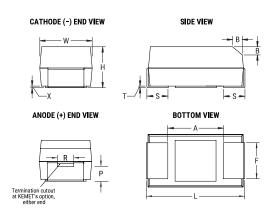
KEMET Part Number: T598B476M010AHS070



T598, Tantalum, Polymer Tantalum, 47 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 70 mOhms, 3528, Height Max = 2.1mm



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 +/-0.3mm	
F	2.2mm +/-0.1mm	
Α	1.1mm MIN	
В	0.4mm +/-0.15mm	
Р	0.5mm REF	
R	1mm REF	
Х	0.1mm +/-0.1mm	

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

General Information		
Series:	T598	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low ESR, AEC-Q200	
Features:	Automotive (Surge testing at 25C / 10 cycles)	
RoHS:	No	
Prop 65:	warning: Cancer and reproductive harm - www.p65warnings.ca.gov.	
SCIP Number:	b064b03e-bd75-42af- b342-1fe94dec2340	
Termination:	Solder Coated	
Qualifications:	AEC-Q200	
AEC-Q200:	Yes	
Component Weight:	94.9 mg	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	10 VDC (105C), 6.7 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	105°C
Humidity:	85C, 85% RH, load, 1000 Hours
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	70 mOhms (100kHz 25C)
Ripple Current:	1390 mA (rms, 100kHz 45C), 973 mA (rms, 105C), 347.5 mA (rms, 125C)
Leakage Current:	47 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.

