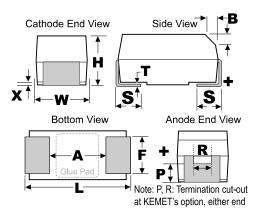
## KEMET Part Number: T598B476M010ATE070



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



General Information	
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Series:	T598
Description:	SMD, Polymer, Molded, Low ESR, AEC-Q200
Features:	Automotive
RoHS:	Yes
Termination:	Tin
Approvals:	AEC-Q200
AEC-Q200:	Yes

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	
A	1.1mm MIN	
В	0.4mm +/-0.15mm	
Р	0.5mm REF	
R	1mm REF	
Х	0.1mm +/-0.1mm	

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	10 VDC (105C), 6.7 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	70 mOhms (100kHz 25C)
Current:	1347 mAmps (100kHz 45C), 1212.3 mAmps (85C), 336.8 mAmps (125C)
Leakage:	47 uAmps (5min 5C)

Packaging Specifications		
Weight:	94.85 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2000	

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.

