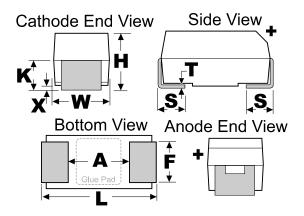
KEMET Part Number: T520W476M016ATE045



Capacitor, Tantalum, SMD, Polymer, Molded, Low Profile/ESR, Non-Combustible, 47 uF, 7343, +/-20% Tol, 16 VDC (105C)



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	7.3	+/-0.3	
W	4.3	+/-0.3	
Н	1.4	+/-0.1	
F	2.4	+/-0.1	
S	1.3	+/-0.3	
Х	0.05	REF	
Т	0.13	REF	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Quantity:	1000	

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General Information		
Supplier:	KEMET	
Application:	Low ESR	
Sub Application:	(NonCombustibleCathode)	
Part Type Description:	SMD, Polymer, Molded, Low Profile/ESR, Non-Combustible	
Construction:	Standard Chip-Polymer	
Body Type:	SMD Chip	
Footprint:	7343	
Weight:	222.95 mg	
RoHS:	Yes	

Specifications		
Capacitance:	47 uF	
Tolerance:	+/-20%	
Voltage:	16 VDC (105C)	
Temperature Range:	-55/+105C	
Current/Ripple Current:	2000 mAmps (100kHz 45C)	
Current/Ripple Current:	1400 mAmps (85C)	
Current/Ripple Current:	950 mAmps (105C)	
Resistance/ESR:	45 mOhms (100kHz 25C)	
Failure Rate:	N/A	
Leakage Current:	75.2 uA	
Dissipation Factor:	10%	
Miscellaneous:	Not recommended for new designs. Please use the T521 version of this part.	

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.

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