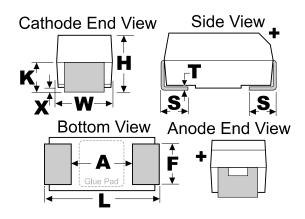
KEMET Part Number: T520W476M016ATE045



T520, Tantalum, Polymer Tantalum, 47 uF, 20%, 16 V, 7343, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 45 mOhms, Height Max = 1.5mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	1.4mm +/-0.1mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.4mm +/-0.1mm	
A	3.6mm MIN	
Х	0.05mm REF	

Packaging Specifications		
Weight:	222.95 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	1000	

General Information	
Supplier:	KEMET
Series:	T520
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible
Features:	Low ESR
RoHS:	Yes
Termination:	Tin
Miscellaneous:	Not recommended for new designs. Please use the T521 series instead.

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	16 VDC (105C)
Temperature Range:	-55/+105C
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	45 mOhms (100kHz 25C)
Current:	2000 mAmps (100kHz 45C), 1400 mAmps (85C), 500 mAmps (105C)
Leakage Current:	75.2 uA (5min 25C)

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.

