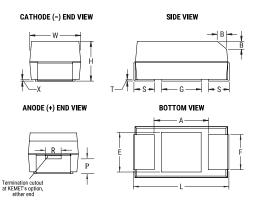
KEMET Part Number: T491D476K025AT



T491, Tantalum, MnO2 Tantalum, 47 uF, 10%, 25 VDC, SMD, MnO2, Molded, 700 mOhms, 7343, Height Max = 3.1mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	2.8mm +/-0.3mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.4mm +/-0.1mm	
Α	3.6mm MIN	
В	0.5mm +/-0.15mm	
E	3.5mm REF	
G	3.5mm REF	
Р	0.9mm REF	
R	1mm REF	
Х	0.1mm +/-0.1mm	

1/0.2mm		•	
+/-0.3mm		Dissipation Factor:	6.00% 12
+/-0.1mm		Failure Rate:	N/A
nm MIN			
		Resistance:	0.7 Ohms
+/-0.15mm			463 mAn
IM REF		Ripple Current:	416.7 mA
IM REF			mAmps (
IM REF		Leakage Current:	11.8 uA (
n REF			
+/-0.1mm			
	1		

Packaging Specifications	
Weight:	446.84 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

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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General Information	
Supplier:	KEMET
Series:	T491
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded
RoHS:	Yes
Termination:	Tin
Shelf Life:	156 Weeks
MSL:	1

Specifications		
Capacitance:	47 uF	
Capacitance Tolerance:	10%	
Voltage DC:	25 VDC (85C), 16.75 VDC (125C)	
Temperature Range:	-55/+125C	
Rated Temperature:	85C	
Dissipation Factor:	6.00% 120Hz 20C	
Failure Rate:	N/A	
Resistance:	0.7 Ohms (100kHz)	
Ripple Current:	463 mAmps (100kHz 25C), 416.7 mAmps (85C), 185.2 mAmps (125C)	
Leakage Current:	11.8 uA (5min 20C)	