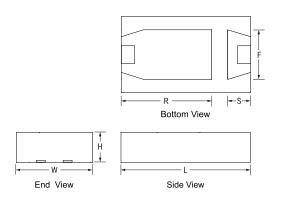
KEMET Part Number: T528Z477M2R5ATE008



T528, Tantalum, Polymer Tantalum, Reduced Volume, 470 uF, 20%, 2.5 VDC, SMD, Polymer, Low ESR, NonCombustible, Face Down, 8 mOhms, 7343, Height Max = 1.7mm



Dimensions		
Footprint	7343	
L	7.3mm +/-0.4mm	
W	4.3mm +/-0.3mm	
Н	1.7mm MAX	
S	1.3mm +/-0.2mm	
F	2.8mm +/-0.2mm	
R	5mm +/-0.4mm	

Packaging Specifications		
Weight:	206.33 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	1000	

General Information		
Supplier:	KEMET	
Series:	T528	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Low ESR, NonCombustible, Face Down	
Features:	Face Down, Low ESR	
RoHS:	Yes	
Termination:	Tin	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
Capacitance:	470 uF	
Capacitance Tolerance:	20%	
Voltage DC:	2.5 VDC (105C)	
Temperature Range:	-55/+105C	
Rated Temperature:	105°C	
Humidity:	60C, 90% RH, 500 Hours	
Dissipation Factor:	10.00% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	8 mOhms (100kHz 25C)	
Ripple Current:	6400 mAmps (100kHz 45C), 4480 mAmps (85C), 1600 mAmps (105C)	
Leakage Current:	117.5 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.

