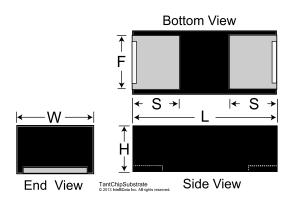
## KEMET Part Number: T529P475M025AAE300

(TEGPSP21E475M3008R)



T529, Tantalum, Polymer Tantalum, Reduced Volume, 4.7 uF, 20%, 25 VDC, SMD, Polymer, Substrate, 300 mOhms, 2012, Height Max = 1mm



Dimensions		
Footprint	2012	
L	2mm +/-0.1mm	
W	1.25mm +/-0.1mm	
Н	1mm MAX	
S	0.55mm +/-0.1mm	
F	0.9mm +/-0.1mm	

Packaging Specifications		
Weight:	11.4 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	3000	

General Information		
Supplier:	KEMET	
Series:	T529	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Substrate	
Features:	Substrate	
RoHS:	Yes	
Termination:	Gold	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications	
Capacitance:	4.7 uF
Capacitance Tolerance:	20%
Voltage DC:	25 VDC (85C), 20 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	10.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	300 mOhms (100kHz 25C)
Ripple Current:	289 mA (100kHz 45C), 260.1 mA (85C), 115.6 mA (105C)
Leakage Current:	35.3 uA (5min 25°C)

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