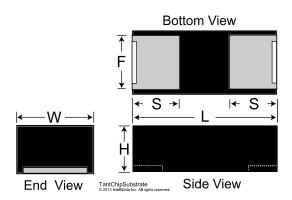
KEMET Part Number: T529P476M006AAE200

(TEGPSP20J476M1508R)



T529, Tantalum, Polymer Tantalum, Reduced Volume, 47 uF, 20%, 6.3 VDC, SMD, Polymer, Substrate, 200 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		
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:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (85C), 5.04 VDC (105C)
Temperature Range:	-55/+105C
Rated Temperature:	85°C
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	6.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	200 mOhms (100kHz 25C)
Ripple Current:	354 mA (100kHz 45C), 318.6 mA (85C), 141.6 mA (105C)
Leakage Current:	29.6 uA (5min 25C)

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