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

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	3000

General Information	
Series	T529
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Substrate
Features	Substrate
RoHS	Yes
Termination	Gold
AEC-Q200	No
Miscellaneous	Not recommended for new designs. Please contact your KEMET representative for a replacement part.
Shelf Life	52 Weeks
MSL	3

Specifications	
Capacitance	47 uF
Capacitance Tolerance	20%
Voltage DC	10 VDC (85C), 8 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Life	2000 Hrs (105C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	200 mOhms (100kHz 25C)
Ripple Current	354 mA (rms, 100kHz 45C), 318.6 mA (rms, 85C), 141.6 mA (rms, 105C)
Leakage Current	141 uA (5min 25°C)

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