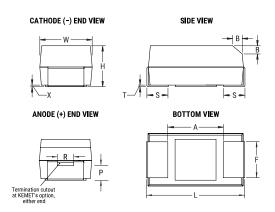
KEMET Part Number: T530X477M006ATE0107280



T530, Tantalum, Polymer Tantalum, Multi-Anode, 470 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Multiple Anodes, Low ESR, 10 mOhms, 7343, Height Max = 4.3mm



Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	4mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.6mm MIN
В	0.5mm +/-0.15mm
Р	1.7mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Packaging Specifications		
Packaging:	T&R, 330mm	
Packaging Quantity:	2000	

General Information	
Series:	T530
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Multiple Anodes, Low ESR
Features:	Low ESR
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Component Weight:	410.89 mg
Shelf Life:	52 Weeks
MSL:	3

Specifications	
Capacitance:	470 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C), 4.22 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	105°C
Life:	2000 Hrs (125C)
Humidity:	60C, 90% RH, 1000 Hours, No Load
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	10 mOhms (100kHz 25C)
Ripple Current:	5200 mA (rms, 100kHz 45C), 3640 mA (rms, 85C), 1300 mA (rms, 125C)
Leakage Current:	296.1 uA (5min 25°C)

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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