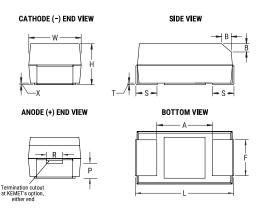
KEMET Part Number: T522Y477M006ATE035



T522, Tantalum, Polymer Tantalum, 470 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low ESR, Low Leakage, 35 mOhms, 7343, Height Max = 4mm



Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	3.8mm +/-0.2mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
Α	3.8mm MIN
В	0.5mm +/-0.15mm
Р	1.7mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

General Information		
Supplier:	KEMET	
Series:	T522	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low ESR, Low Leakage	
Features:	Low ESR, Low Leakage	
RoHS:	Yes	
Termination:	Tin	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
Capacitance:	470 uF	
Capacitance Tolerance:	20%	
Voltage DC:	6.3 VDC (105C)	
Temperature Range:	-55/+105C	
Rated Temperature:	105C	
Dissipation Factor:	10.00% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	35 mOhms (100kHz 25C)	
Ripple Current:	2600 mAmps (100kHz 45C), 1820 mAmps (85C), 650 mAmps (105C)	
Leakage Current:	88.8 uA (10min 25C)	

Packaging Specifications		
Weight:	493.99 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

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