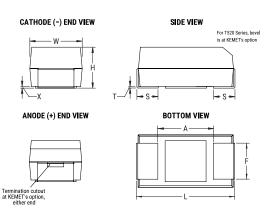
KEMET Part Number: T520V477M006ATE035



T520, Tantalum, Polymer Tantalum, 470 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 35 mOhms, 7343, Height Max = 1.9mm



Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	1.8mm +/-0.1mm
т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
Α	3.6mm MIN
Х	0.05mm REF

Packaging Specifications		
Weight:	274.3 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	1000	

General Information		
Supplier:	KEMET	
Series:	T520	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible	
Features:	Low ESR	
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:	105°C
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	10.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	35 mOhms (100kHz 25C)
Ripple Current:	2300 mA (100kHz 45C), 1610 mA (85C), 575 mA (105C)
Leakage Current:	296.1 uA (5min 25C)

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