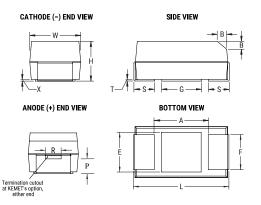
KEMET Part Number: T543X476M035ATW060



T543_COTS, Tantalum, Polymer Tantalum, COTS, 47 uF, 20%, 35 VDC, SMD, Polymer, Molded, COTS, Up Screening, N/A, 60 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	
Α	3.8mm MIN	
В	0.5mm +/-0.15mm	
E	3.5mm REF	
G	3.5mm REF	
Р	1.7mm REF	
R	1mm REF	
Х	0.1mm +/-0.1mm	

Packaging Specifications		
Weight:	588.16 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information		
Supplier:	KEMET	
Series:	T543_COTS	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, COTS, Up Screening	
Features:	Non-Combustible, Up Screening, Low ESR, COTS	
RoHS:	Yes	
Termination:	Tin	
Notes:	In polarity stripe, at KEMET's option, type may be indicated: no symbol = Standard (or low leakage) MnO2 tantalum chip, O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C rated T498 (or B45196P, B45198P), H = 175C rated T499, H2 = 200C rated T50	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	35 VDC (105C)
Temperature Range:	-55/+125C
Rated Temperature:	105C
Dissipation Factor:	10.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	60 mOhms (100kHz)
Ripple Current:	2029 mA (100kHz 45C)
Leakage Current:	164.5 uA (5min 25C)
Testing and Reliability:	10 Cycles Surge Current Testing At -55C And +85C

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