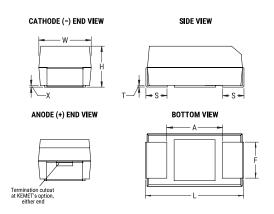
KEMET Part Number: T545V476M016ATE045



T545, Tantalum, Polymer Tantalum, 47 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low Profile, HiEnergyDensity, 45 mOhms, 7343, Height Max = 2mm



General Information	
Series:	T545
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Low Profile, HiEnergyDensity
Features:	Low ESR
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Shelf Life:	52 Weeks
MSL:	3

Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	1.9mm +/-0.1mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.4mm +/-0.1mm	
A	3.8mm MIN	
Х	0.05mm REF	

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	16 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	105°C
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	45 mOhms (100kHz 25C)
Ripple Current:	2040 mA (rms, 100kHz 45C), 1428 mA (rms, 85C), 510 mA (rms, 105C)

Leakage Current:

75.2 uA (5min 25°C)

Packaging Specifications		
Weight:	262.9 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	1000	

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