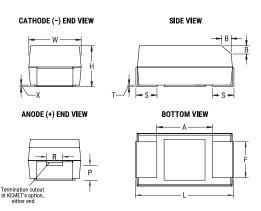
KEMET Part Number: T591D476M020ATE050



T591, Tantalum, Polymer Tantalum, 47 uF, 20%, 20 VDC, SMD, Polymer, Molded, Low ESR, 50 mOhms, 7343, Height Max = 3.1mm



Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	2.8mm +/-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
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Packaging Specifications		
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information		
Series:	T591	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low ESR	
Features:	Automotive	
RoHS:	Yes	
Termination:	Tin	
Qualifications:	AEC-Q200 (Limited 500 Hrs 85C/85% RH/Ur)	
AEC-Q200:	Subject to PPAP/PSW and change control	
Component Weight:	434.8 mg	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
Capacitance:	47 uF	
Capacitance Tolerance:	20%	
Temperature Range:	-55/+125°C	
Rated Temperature:	105°C	
Humidity:	85C, 85% RH, load, 500 Hours	
Dissipation Factor:	10% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	50 mOhms (100kHz 25C)	
Ripple Current:	3000 mA (rms, 100kHz 45C), 2100 mA (rms, 105C), 750 mA (rms, 125C)	
Leakage Current:	94 uA (5min 25°C)	

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