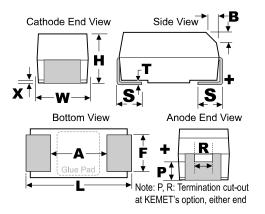
KEMET Part Number: T591B476M006ATE070



Tantalum, Polymer Tantalum, T591, 47 uF, 20%, 6.3 V, 3528, SMD, Polymer, Molded, Low ESR, 70 mOhms, 2.1mm



General Information	
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Series:	T591
Description:	SMD, Polymer, Molded, Low ESR
Features:	Automotive
RoHS:	Yes
Termination:	Tin
Approvals:	AEC-Q200

Dimensions		
Footprint	3528	
L	3.5mm +/-0.2mm	
W	2.8mm +/-0.2mm	
Н	1.9mm +/-0.2mm	
Т	0.13mm REF	
S	0.8mm +/-0.3mm	
F	2.2mm +/-0.1mm	
A	1.1mm MIN	
В	0.4mm +/-0.15mm	
Р	0.5mm REF	
R	1mm REF	
Х	0.1mm +/-0.1mm	

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C), 4.22 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	70 mOhms (100kHz 25C)
Current:	1347 mAmps (100kHz 45C), 1212.3 mAmps (85C), 336.8 mAmps (125C)
Leakage:	29.6 uAmps (5min 5C)

Packaging Specifications		
Weight:	94.85 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2000	

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