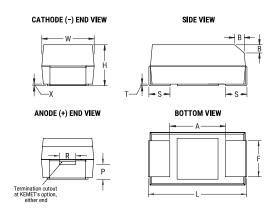
KEMET Part Number: T598B475M035ATE200



T598, Tantalum, Polymer Tantalum, 4.7 uF, 20%, 35 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 200 mOhms, 3528, Height Max = 2.1mm



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	

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

General Information		
Supplier:	KEMET	
Series:	T598	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low ESR, AEC-Q200	
Features:	Automotive	
RoHS:	Yes	
Termination:	Tin	
Qualifications:	AEC-Q200	
AEC-Q200:	Yes	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications	
Capacitance:	4.7 uF
Capacitance Tolerance:	20%
Voltage DC:	35 VDC (105C), 23.45 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	105°C
Humidity:	85C, 85% RH, load, 1000 Hours
Dissipation Factor:	8.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	200 mOhms (100kHz 25C)
Ripple Current:	797 mA (100kHz 45C), 717.3 mA (85C), 199.3 mA (125C)
Leakage Current:	16.5 uA (5min 25°C)

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