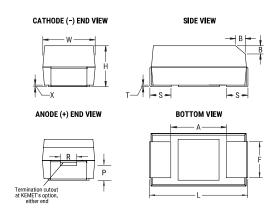
KEMET Part Number: T598D336M025AHS060



T598, Tantalum, Polymer Tantalum, 33 uF, 20%, 25 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 60 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
A	3.8mm MIN
В	0.5mm +/-0.15mm
Р	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

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

General Information		
Series:	T598	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low ESR, AEC-Q200	
Features:	Automotive (Surge testing at 25C / 10 cycles)	
RoHS:	No	
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.	
Termination:	Solder Coated	
Qualifications:	AEC-Q200	
AEC-Q200:	Yes	
Component Weight:	434.8 mg	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications	
Capacitance:	33 uF
Capacitance Tolerance:	20%
Voltage DC:	25 VDC (105C), 16.75 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	105°C
Humidity:	85C, 85% RH, load, 1000 Hours
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	60 mOhms (100kHz 25C)
Ripple Current:	2740 mA (rms, 100kHz 45C), 1918 mA (rms, 105C), 685 mA (rms, 125C)
Leakage Current:	82.5 uA (5min 25°C)

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