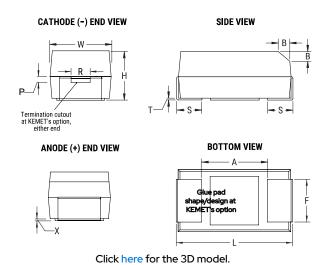


T598D227M010AHS025

VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 25 mOhms, 7343, 3.1 mm, 1.3 mm



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 - https://www.p65warnings.ca.gov /	
SCIP Number	b064b03e-bd75-42af-b342-1fe 94dec2340	
Termination	Tin Lead (SnPb)	
Qualifications	AEC-Q200	
AEC-Q200	Yes	
Typical Component Weight	434.8 mg	
Shelf Life	52 Weeks	
MSL	3	

220 uF

-55/+125°C 105°C

10 VDC (105C), 6.7 VDC (125C)

20%

Dimensions	
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
Х	0.1mm +/-0.1mm REF

500

Packaging Quantity

	•	· ·	
F	2.4mm +/-0.1mm	Humidity	85C, 85% RH, load, 1000 Hours
A	3.8mm MIN	Dissipation Factor	10% 120Hz 25C
В	0.5mm +/-0.15mm	Failure Rate	N/A
Р	0.9mm REF	ESR	25 mOhms (100kHz 25C)
R	1mm REF	Ripple Current	4240 mA (rms, 100kHz 45C), 2968 mA (rms, 105C), 1060 mA (rms, 125C)
X	0.1mm +/-0.1mm REF		
		Leakage Current	220 uA (5min 25°C)
Packaging Specifications		Č	,
Packaging	T&R, 178mm		

Specifications

Capacitance Tolerance

Voltage DC

Temperature Range

Rated Temperature

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim – any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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