

T521T336M016ATE045

General Information

Series

Style

Dielectric

Description

Termination

AEC-Q200

Shelf Life

Typical Component Weight

Features

RoHS

T521, Tantalum, Polymer Tantalum, Commercial Grade, 33 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 45 mOhms, 3528, 1.2 mm, 0.8 mm

T521

Yes

Tin

No

54.84 mg

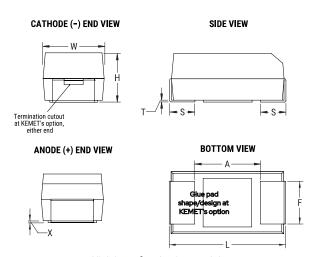
52 Weeks

SMD Chip

Polymer Tantalum

SMD, Polymer, Molded, Low Profile/ESR, NonCombustible

Low ESR, High Voltage



Click here for	or the 3D model
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Dimensions			
L	3.5mm +/-0.2mm		
W	2.8mm +/-0.2mm		
Н	1.1mm +/-0.1mm		
Т	0.13mm REF		
S	0.8mm +/-0.3mm		
F	2.2mm +/-0.1mm		
A	1.9mm MIN		
X	0.05mm REF		
Packaging Specifications			

MSL	3
Specifications	
Capacitance	33 uF
Tolerance	20%
Voltage DC	16 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	2000 Hrs (105C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
ESR	45 mOhms (100kHz 25C)
Ripple Current	1890 mA (rms 100kHz 45C)

L	3.5mm +/-0.2mm	Capacitance	33 uF
W	2.8mm +/-0.2mm	Tolerance	20%
Н	1.1mm +/-0.1mm	Voltage DC	16 VDC (105C)
Т	0.13mm REF	Temperature Range	-55/+105°C
S	0.8mm +/-0.3mm	Rated Temperature	105°C
F	2.2mm +/-0.1mm	Life	2000 Hrs (105C)
A	1.9mm MIN	Humidity	60C, 90% RH, 500 Hours, No
X	0.05mm REF		Load
		Dissipation Factor	8% 120Hz 25C
Packaging Specifications		Failure Rate	N/A
Packaging	T&R, 178mm	ESR	45 mOhms (100kHz 25C)
Packaging Quantity	3000	Ripple Current	1890 mA (rms, 100kHz 45C), 1323 mA (rms, 85C), 472.5 mA (rms, 105C)
		Leakage Current	52.8 uA (5min 25°C)

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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