

T599X336M035ATE065

T599, Tantalum, Polymer Tantalum, 33 uF, 20%, 35 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 65 mOhms, 7343, Height Max = 4.3mm

CATHODE (-) END VIEW SIDE VIEW ANODE (+) END VIEW BOTTOM VIEW Termination cutout at KEMET's option, either end

Click here for the 3D model.

7343
7.3mm +/-0.3mm
4.3mm +/-0.3mm
4mm +/-0.3mm
0.13mm REF
1.3mm +/-0.3mm
2.4mm +/-0.1mm
3.6mm MIN
0.5mm +/-0.15mm
1.7mm REF
1mm REF
0.1mm +/-0.1mm

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

General Information	
Series	T599
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
Component Weight	553.96 mg
Shelf Life	52 Weeks
MSL	3

Specifications	
Capacitance	33 uF
Capacitance Tolerance	20%
Voltage DC	35 VDC (105C), 18.9 VDC (150C)
Temperature Range	-55/+150°C
Rated Temperature	105°C
Humidity	85C, 85% RH, load, 1000 Hours
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
Resistance	65 mOhms (100kHz 25C)
Ripple Current	2770 mA (rms, 100kHz 45C), 1939 mA (rms, 125C), 692.5 mA (rms, 150C)
Leakage Current	115.5 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.