

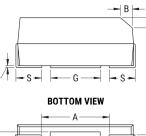
T502D685M035AG62107280

T502, Tantalum, MnO2 Tantalum, High Temperature, 6.8 uF, 20%, 35 VDC, SMD, MnO2, Un-Encapsulated, High Temperature, 230C, N/A, 1.8 Ohms, 7343, Height Max = 3.1mm

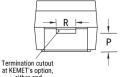
CATHODE (-) END VIEW

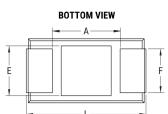


ANODE (+) END VIEW



SIDE VIEW





at	KEN	ЛEТ	's 1	opt	ion,	
	ρ	ithe	r e	nd		

Click here for the 3D model.

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
А	3.8mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

т

Packaging Specifications			
Packaging	T&R, 330mm		
Packaging Quantity	2500		

General Information				
Series	T502			
Dielectric	MnO2 Tantalum			
Style	SMD Chip			
Description	SMD, MnO2, Un-Encapsulated, High Temperature, 230C			
Features	230C			
RoHS	Yes			
Termination	Gold			
AEC-Q200	No			
Component Weight	292 mg			
Shelf Life	156 Weeks			
MSL	1			

Specifications			
Capacitance	6.8 uF		
Capacitance Tolerance	20%		
Voltage DC	35 VDC (85C), 28.7 VDC (125C), 11.6 VDC (230C)		
Temperature Range	-55/+230°C		
Rated Temperature	85°C		
Humidity	85C, 85% RH, 0 V, 500 Hours		
Dissipation Factor	6% 120Hz 25C		
Failure Rate	N/A		
Resistance	1.8 Ohms (100kHz 25C)		
Ripple Current	289 mA (rms, 100kHz 45C)		
Leakage Current	2.4 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.