

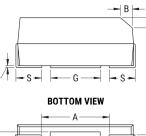
T502D685M035AG63107280

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

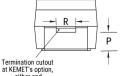
CATHODE (-) END VIEW

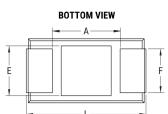


ANODE (+) END VIEW



SIDE VIEW





It	KE	M	ΕT	's	or	oti	0	n,	
		eitl	he	r e	'n	1			

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.